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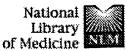
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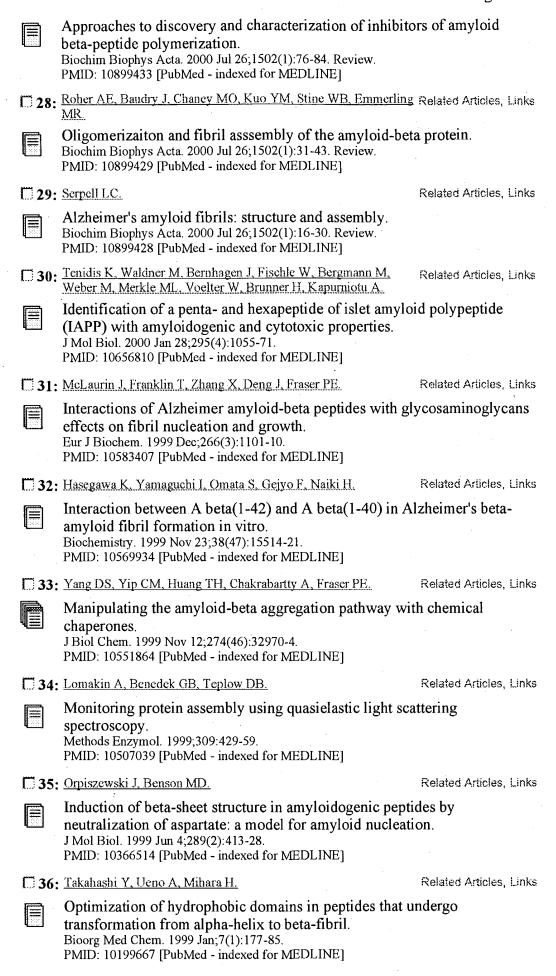
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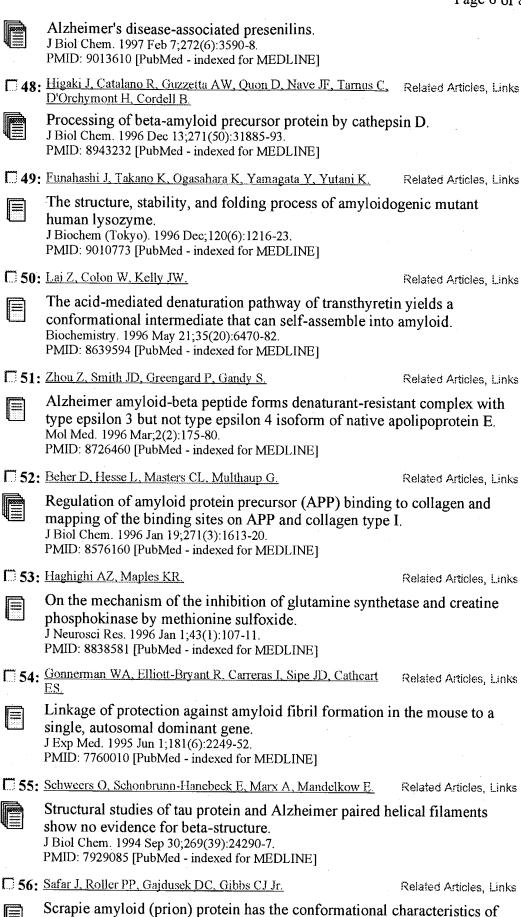
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Proteins can adopt totally different folded conformations.

Damaschun G, Damaschun H, Gast K, Zirwer D.

Humboldt-Universitat zu Berlin, Institut für Biologie, c/o Max-Delbruck-Centrum für Molekulare Medizin, Robert-Rossle-Strasse 10, Berlin, PF 740238, D-13092, Germany. gdamasc@mdc-berlin.de

The three-dimensional structure of a protein is determined by interactions between its amino acids and by interactions of the amino acids with molecules of the environment. The great influence of the latter interactions is demonstrated for the enzyme phosphoglycerate kinase from yeast (PGK). In the native state, PGK is a compact, bilobal molecule, 35% and 13% of its amino acids are organised in the form of alpha-helices and beta-sheets, respectively. The molecules unfold at acidic pH and low ionic strength forming random-walk structures with a persistence length of 3 nm. More than 90% of the amino acid residues of the ensemble have phi, psi-angles corresponding to those of a straight beta-chain. Upon addition of 50% (v/v) trifluoroethanol to the acid-unfolded protein, the entire molecule is transformed into a rod-like, flexible alpha-helix. Addition of anions, such as chloride or trichloroacetate, to the acid-unfolded protein leads to the formation of amyloid-like fibres over a period of many hours when the anion concentration exceeds a critical limit. Half of the amino acid residues are then organised in beta-sheets. Both of the non-natively folded states of PGK contain more regular secondary structure than the native one. The misfolding starts in both cases from the acid-unfolded state, in which the molecules are essentially more expanded than in other denatured states, e.g. those effected by temperature or guanidine hydrochloride. Copyright 1999 Academic Press.

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Lower kinetic limit to protein thermal stability: a proposal regarding protein stability in vivo and its relation with misfolding diseases.

Plaza del Pino IM, Ibarra-Molero B, Sanchez-Ruiz JM.

Facultad de Ciencias, Departamento de Quimica Fisica, Universidad de Granada, Spain.

In vitro thermal denaturation experiments suggest that, because of the possibility of irreversible alterations, thermodynamic stability (i.e., a positive value for the unfolding Gibbs energy) does not guarantee that a protein will remain in the native state during a given timescale. Furthermore, irreversible alterations are more likely to occur in vivo than in vitro because (a) some irreversible processes (e.g., aggregation, "undesirable" interactions with other macromolecular components, and proteolysis) are expected to be fast in the "crowded" cellular environment and (b) in many cases, the relevant timescale in vivo (probably related to the half-life for protein degradation) is expected to be longer than the timescale of the usual in vitro experiments (of the order of minutes). We propose, therefore, that many proteins (in particular, thermophilic proteins and "complex" proteins systems) are designed (by evolution) to have significant kinetic stability when confronted with the destabilizing effect of irreversible alterations. We show that, as long as these alterations occur mainly from non-native states (a Lumry-Eyring scenario), the required kinetic stability may be achieved through the design of a sufficiently high activation barrier for unfolding, which we define as the Gibbs energy barrier that separates the native state from the non-native ensemble (unfolded, partially folded, and misfolded states) in the following generalized Lumry-Eyring model: Native State <--> Non-Native Ensemble --> Irreversibly Denatured Protein. Finally, using familial amyloid polyneuropathy (FAP) as an illustrative example, we discuss the relation between stability and amyloid fibril formation in terms of the above viewpoint, which leads us to the two following tentative suggestions: (a) the hot spot defined by the FAP-associated amyloidogenic mutations of transthyretin reflects the structure of the transition state for unfolding and (b) substances that decrease the in vitro rate of transthyretin unfolding could also be inhibitors of amyloid fibril formation. Copyright 2000 Wiley-Liss, Inc.

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     Barcelona, Avda. Joan XXIII s/n, E-08028, Barcelona, Catalonia, Spain
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      Zhu, Li; Zhang, Xu-Jia; Wang, Ling-Yun; Zhou, Jun-Mei [Reprint Author];
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      Academy of Sciences, 15 Datun Road, Chaoyang District, Beijing, 100101,
      China
      zhoujm@sun5.ibp.ac.cn; sarah.perrett@iname.com
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      Biophysics Research Div., University of Michigan, 930 N. University Ave., Ann Arbor, MI, 48109-1055, USA
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     Department of Biochemistry and Molecular Biology, University of Melbourne,
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     Parkville, VIC, 3010, Australia ghowlett@unimelb.edu.au
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      Bitan, Gal; Lomakin, Aleksey; Teplow, David B. [Reprint author]
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      Center for Neurologic Diseases, Brigham and Women's Hospital, 77 Ave.
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      Department of Chemistry, University of Cambridge, Lensfield Road,
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      Mayo Clinic, 4500 San Pablo Rd., Jacksonville, FL, 32224, USA
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Conference; Abstract; (Meeting Abstract)
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     Department of Pathology, Queen's University, and Syl and Molly Apps
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     Ohnishi, Satoshi; Koide, Akiko; Koide, Shohei [Reprint author]
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     Department of Biochemistry and Biophysics, University of Rochester Medical
     Center, Rochester, NY, 14642, USA
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     Praecis Pharmaceuticals Incorporated, 1 Hampshire Street, Cambridge, MA,
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     ANSWER 38 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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     Oligomerization and
                                               assembly of the
      -beta protein.
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     Yu-Min; Stine, W. Blaine; Emmerling, Mark R.
     Haldeman Laboratory for Alzheimer's Disease Research, Sun Health Research Institute, 10515 West Santa Fe Dr., Sun City, AZ, 85351, USA Biochimica et Biophysica Acta, (26 July, 2000) Vol. 1502, No. 1, pp.
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SO
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     CODEN: BBACAQ. ISSN: 0006-3002.
DT
     Article
     General Review; (Literature Review)
l A
     English
ED
     Entered STN: 20 Sep 2000
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Last Updated on STN: 8 Jan 2002

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     2000:397716 BIOSIS
     PREV200000397716
DN
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                                     ***fibrils*** : Structure and assembly.
     Alzheimer's
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     Serpell, Louise C. [Reprint author]
ΑU
     Neurobiology Division, MRC Centre, Laboratory of Molecular Biology, Hills
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     Road, Cambridge, CB2 2QH, UK
     Biochimica et Biophysica Acta, (26 July, 2000) Vol. 1502, No. 1, pp.
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     16-30. print.
     CODEN: BBACAQ. ISSN: 0006-3002.
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     General Review; (Literature Review)
     English
     Entered STN: 20 Sep 2000
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     Last Updated on STN: 8 Jan 2002
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     2000:172581 BIOSIS
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     PREV200000172581
DN
     Identification of a penta- and hexapeptide of islet
                                                            ***amyloid***
TT
     polypeptide (IAPP) with amyloidogenic and cytotoxic properties.
ΑU
     Tenidis, Konstantinos; Waldner, Michaela; Bernhagen, Juergen; Fischle,
     Wolfgang; Bergmann, Michael; Weber, Marco; Merkle, Marie-Luise; Voelter,
     Wolfgang; Brunner, Herwig; Kapurniotu, Aphrodite [Reprint author]
     Physiological-chemical Institute, University of Tuebingen, D-72076,
CS
     Tuebingen, Germany
Journal of Molecular Biology, (Jan. 28, 2000) Vol. 295, No. 4, pp.
     1055-1071. print.
     CODEN: JMOBAK. ISSN: 0022-2836.
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DT
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     Entered STN: 3 May 2000
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     Last Updated on STN: 4 Jan 2002
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                  BIOSIS
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     PREV200000166193
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       ***Amyloid***
                       fibrillogenesis: Themes and variations.
TI
     Rochet, Jean-Christophe [Reprint author]; Lansbury, Peter T., Jr. [Reprint
ΑU
     Center for Neurologic Diseases, Department of Neurology, Brigham and
CS
     Women's Hospital, Harvard Medical School, 77 Avenue Louis Pasteur, HIM
     750, Boston, MA, 02115, USA
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     Entered STN: 3 May 2000
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     2000:87653 BIOSIS
ΑN
     PREV200000087653
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                                ***amyloid*** -beta peptides with
     Interactions of Alzheimer
TT
                                       ***fibril***
     glycosaminoglycans: Effects on
                                                        ***nucleation***
                                                                            and
     growth.
     McLaurin, JoAnne [Reprint author]; Franklin, Trudy; Zhang, Xiaoqiong;
     Deng, Jianping; Fraser, Paul E.
CS
     Centre for Research in Neurodegenerative Diseases, University of Toronto,
     6 Queen's Park Crescent West, Toronto, ON, M5S 3H2, Canada
S<sub>0</sub>
     European Journal of Biochemistry, (Dec., 1999) Vol. 266, No. 3, pp.
     1101-1110. print.
     CODEN: EJBCAI. ISSN: 0014-2956.
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     Article
     English
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     Entered STN: 10 Mar 2000
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     2000:26447 BIOSIS
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                        ***amyloid*** -beta aggregation pathway with chemical
TI
     Manipulating the
     chaperones.
ΑU
     Yang, Dun-Sheng; Yip, Christopher M.; Huang, T. H. Jackson; Chakrabartty,
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Dep. Pathol., Fukui Med. Univ., Fukui 910-1193, Japan
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ΤI
        ***nucleated***
                                           ***amvloid***
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ΑU
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     Biology in conjunction with the Annual Meeting of the American Society for
     Biochemistry and Molecular Biology. San Francisco, California, USA. August
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     CODEN: FAJOEC. ISSN: 0892-6638.
     Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
DT
     English
     Entered STN: 8 Oct 1997
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     Last Updated on STN: 8 Oct 1997
     ANSWER 53 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
     1997:393357 BIOSIS
ΔN
     PREV199799692560
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     Kinetic theory of fibrillogenesis of ***amyloid***
TT
                                                                     beta-protein.
      Lomakin, Aleksey; Teplow, David B. [Reprint author]; Kirschner, Daniel A.;
ΑU
      Benedek, George B.
CS
      Center Neurologic Diseases, Brigham and Women's Hosp., 77 Avenue Louis
      Pasteur, Boston, MA 02115, USA
     Proceedings of the National Academy of Sciences of the United States of America, (1997) Vol. 94, No. 15, pp. 7942-7947.
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      CODEN: PNASA6. ISSN: 0027-8424.
     Article
DT
      English
LA
      Entered STN: 10 Sep 1997
FD
      Last Updated on STN: 27 Oct 1997
      ANSWER 54 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
      1997:382217 BIOSIS
AN
      PREV199799681420
DN
                                                           ***nucleation***
      Phosphatidylinositol and inositol, possible
                                                                                 seeds for
TI
                             ***fibril***
     ***amyloid*** ***fibril*** growth.
McLaurin, J.; Fraser, P. E.; Franklin, T.; Chakrabartty, A.
        ***amyloid***
ΔIJ
      Ontario Cancer Inst., Dep. Med. Biophysics, Toronto, ON, Canada
CS
      Journal of Neurochemistry, (1997) Vol. 69, No. SUPPL., pp. S46.
S<sub>0</sub>
      Meeting Info.: Joint Sixteenth Biennial Meeting of the International
      Society for Neurochemistry and Twenty-eighth Annual Meeting of the
      American Society for Neurochemistry. Boston, Massachusetts, USA. July
     20-26, 1997.
CODEN: JONRA9. ISSN: 0022-3042.
     Conference; (Meeting)
Conference; Abstract; (Meeting Abstract)
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      Entered STN: 4 Sep 1997
      Last Updated on STN: 4 Sep 1997
      ANSWER 55 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
      1997:290868 BIOSIS
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DN
      PREV199799590071
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      Naiki, Hironobu [Reprint author]; Gejyo, Fumitake; Nakakuki, Kazuya
      Dep. Pathol., Fukui Med. Sch., Fukui 910-11, Japan
CS
      Biochemistry, (1997) Vol. 36, No. 20, pp. 6243-6250.
SO
      CODEN: BICHAW. ISSN: 0006-2960.
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      Entered STN: 9 Jul 1997
      Last Updated on STN: 5 Aug 1997
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      1997:60357 BIOSIS
AN
      PREV199799359560
DN
      Characterization of high affinity binding between laminin and the
ΤI
      acute-phase protein, serum
                                       ***amyloid***
ΑU
      Ancsin, John B.; Kisilevsky, Robert [Reprint author]
      Dep. Pathol., Queen's Univ., Syl and Molly Apps Res. Cent., Kingston Gen.
CS
      Hosp., Kingston, ON K7L 3N6, Canada
SO
      Journal of Biological Chemistry, (1997) Vol. 272, No. 1, pp. 406-413.
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CODEN: JBCHA3. ISSN: 0021-9258.

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     English
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     Entered STN: 11 Feb 1997
     Last Updated on STN: 25 Mar 1997
     ANSWER 57 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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AN
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     An ApoE-A-beta inhibition complex in A-beta
TI
     Wood, Stephen J.; Chan, Winnie; Wetzel, Ronald [Reprint author]
ΑU
     Chem. Dep., Beury Hall, Temple Univ., Philadelphia, PA 19122, USA
CS
     Chemistry and Biology (London), (1996) Vol. 3, No. 11, pp. 949-956.
SO
     ISSN: 1074-5521.
     Article
DT
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LA
     Entered STN: 28 Jan 1997
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     Last Updated on STN: 25 Mar 1997
     ANSWER 58 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
     1996:551528 BIOSIS
ΔN
     PREV199699273884
DN
     Molecular factors controlling A-beta ***fibril***
                                                                  ***nucleation***
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     and elongation.
     Teplow, D. B. [Reprint author]; Lomakin, A. [Reprint author]; Benedek, G.
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     B.; Walsh, D. M. [Reprint author]
Dep. Neurol., Brigham and Women's Hosp., Boston, MA 02113, USA
Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 1208.
SO
     Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.
     Washington, D.C., USA. November 16-21, 1996.
     ISSN: 0190-5295.
     Conference; (Meeting)
DT:
     Conference; Abstract; (Meeting Abstract)
      Conference; (Meeting Slide)
LA
     English
     Entered STN: 13 Dec 1996
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     Last Updated on STN: 13 Dec 1996
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ΑN
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                           ***fibril***
                                           formation is inhibited by all three
      Seeding of A-beta
TI
      isotypes of apolipoprotein E.
      Wood, Stephen J.; Chan, Winnie; Wetzel, Ronald [Reprint author]
      1732 Hamilton Dr., Phoenixville, PA 19460, USA
CS
      Biochemistry, (1996) Vol. 35, No. 38, pp. 12623-12628.
SO
      CODEN: BICHAW. ISSN: 0006-2960.
      Article
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      English
LA
      Entered STN: 22 Nov 1996
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      Last Updated on STN: 23 Nov 1996
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      PREV199699179335
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ΑU
      Vitek, Michael P.
      Duke Univ. Med. Cent., Box 2900, Durham, NC 27710, USA Molecular and Chemical Neuropathology, (1996) Vol. 28, No. 1-3, pp. 49-55.
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      ISSN: 1044-7393.
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      Entered STN: 11 Oct 1996
      Last Updated on STN: 11 Oct 1996
      ANSWER 61 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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      PREV199698747459
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      Two-hybrid system as a model to study the interaction of beta-
TI
        ***ámyloid***
                         peptide monomers.
      Hughes, Stpehen R.; Goyal, Shefali; Sun, Jeannie E.; Gonzalez-Dewhitt,
ΑU
      Patricia; Fortes, Maryann; Riedel, Norbert G.; Sahasrabudhe, Sudhir R.
      [Reprint author]
      Neurosci. Therapeutic Domain, Hoechst Marion Roussel Inc., PO Box 2500,
CS
      Somerville, NJ 08876, USA
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     PREV199497476939
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                                             ***nucleate***
                                                                  ***amvloid***
TI
     formation in Alzheimer's disease.
     Weinreb, Paul H.; Jarrett, Joseph T.; Lansbury, Peter T.,
ΑU
     Dep. Chem., Mass. Inst. Technol., Cambridge, MA 02139, USA
CS
     Abstracts of Papers American Chemical Society, (1994) Vol. 208, No. 1-2,
SO
     pp. MEDI 11.
     Meeting Info.: 208th National Meeting of the American Chemical Society.
     Washington, D.C., USA. August 21-25, 1994.
     CODEN: ACSRAL. ISSN: 0065-7727.
     Conference; (Meeting)
DT
     Conference: Abstract; (Meeting Abstract)
     English
LA
     Entered STN: 31 Oct 1994
ED
     Last Updated on STN: 16 Dec 1994
     ANSWER 67 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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                                              ***nucleating***
                                                                    ***amvloids***
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     in the transmissible and nontransmissible cerebral amyloidoses.
     Gajdusek, D. Carleton
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     Lab. Central Nervous System Studies, Natl. Inst. Neurol. Disord. Stroke,
CS
     Natl. Inst. Health, Bethesda, MD 20892, USA
     Molecular Neurobiology, (1994) Vol. 8, No. 1, pp. 1-13.
S0
     ISSN: 0893-7648.
DT
     Article
     General Review; (Literature Review)
     English
     Entered STN: 11 Oct 1994
ED
     Last Updated on STN: 10 Nov 1994
     ANSWER 68 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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AN
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                        from synthetic. ***amyloid*** -related peptides
        ***Fibrils***
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     Ganowiak, Katarzyna [Reprint author]; Hultman, Per [Reprint author];
     Engstrom, Ulla; Gustavsson, Asa [Reprint author]; Westermark, Per [Reprint
     author]
     Dep. Pathol., Univ. Hosp., S-58185 Linkoping, Sweden
CS
     Biochemical and Biophysical Research Communications, (1994) Vol. 199, No.
SO.
      1, pp. 306-312.
     CODEN: BBRCA9. ISSN: 0006-291X.
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     English
LA
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     Entered STN: 8 Apr 1994
     Last Updated on STN: 8 Apr 1994
     ANSWER 69 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. ON STN
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     1994:163935 BIOSIS
ΑN
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      PREV199497176935
      Reversible random coil-beta-sheet transition of the alzheimer beta-
TI
        ***amyloid***
                        fragment.
      Terzi, Evelyn [Reprint author]; Hoelzemann, Guenter; Seelig, Joachim
ΑU
     Dep. Biophysical Chem., Biocenter Univ. Basel, Klingelbergstrasse 70,
CS
     CH-4056 Basel, Switzerland
Biochemistry, (1994) Vol. 33, No. 6, pp. 1345-1350.
      CODEN: BICHAW. ISSN: 0006-2960.
DT
      Article
     English
ΙΑ
      Entered STN: 8 Apr 1994
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      Last Updated on STN: 8 Apr 1994
      ANSWER 70 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
      1993:389854 BIOSIS
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DN
      PREV199396065154
                             ***amvloid***
                                             formation in the prion diseases:
TT
      A kinetic model for
      Importance of seeding.
      Come, Jon H.; Fraser, Paul E.; Lansbury, Peter T., Jr. [Reprint author]
      Dep. Chemistry, Mass. Inst. Technology, Cambridge, MA 02139, USA
Proceedings of the National Academy of Sciences of the United States of
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      America, (1993) Vol. 90, No. 13, pp. 5959-5963.
      CODEN: PNASA6. ISSN: 0027-8424.
DT
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Enalish LA Entered STN: 23 Aug 1993 ED Last Updated on STN: 24 Aug 1993 ANSWER 71 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN L3 1993:344336 BIOSIS AN PREV199396041336 DN Synthetic peptides corresponding to different mutated regions of the TI gene in familial Creutzfeldt-Jakob disease show enhanced ***amyloid*** in vitro formation of morphologically different ***amyloid*** ***fibrils*** Goldfarb, Lev G. [Reprint author]; Brown, Paul; Haltia, Matti; Ghiso, ΑU Jorge; Frangione, Blas; Gajdusek, D. Carleton Building 36, Room 5B21, Natl. Inst. Health, Bethesda, MD 20892, USA CS Proceedings of the National Academy of Sciences of the United States of America, (1993) Vol. 90, No. 10, pp. 4451-4454. CODEN: PNASA6. ISSN: 0027-8424. 50 DT Article English LA Entered STN: 26 Jul 1993 ED Last Updated on STN: 27 Jul 1993 ANSWER 72 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN L3 1993:263246 BIOSIS ΑN PREV199344125396 DN ***amyloid*** -enhancing factor in experimental AA ***fibril*** TT ***nucleating*** infectious protein?. amyloidosis a scrapie-like Gajdusek, D. Carleton Lab. Central Nervous System Studies, National Inst. Health, Bethesda, MD, CS Journal of Rheumatology, (1993) Vol. 20, No. 1, pp. 181. S₀ Meeting Info.: Second International Symposium on Familial Amyloidotic Polyneuropathy and Other Transthyretin Related Disorders. Skelleftea, Sweden. June 1-3, 1992. CODEN: JRHUA9. ISSN: 0315-162X. Conference; (Meeting) DT English LA Entered STN: 27 May 1993 ED Last Updated on STN: 27 May 1993 ANSWER 73 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN L3 1993:120563 BIOSIS ΑN PREV199395064663 DN ***fibril*** formation requires a chemically ***Amyloid*** TI event: Studies of an amyloidogenic ***nucleation*** discriminating sequence from the bacterial protein OsmB. Jarrett, Joseph T.; Lansbury, Peter T., Jr. [Reprint author] Dep. Chem., Massachusetts Inst. Technol., Cambridge, Mass. 02139, USA ΑU CS Biochemistry, (1992) Vol. 31, No. 49, pp. 12345-12352. S0 CODEN: BICHAW. ISSN: 0006-2960. DT Article English ΙΑ Entered STN: 27 Feb 1993 ED Last Updated on STN: 28 Feb 1993 ANSWER 74 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN L3 1990:242236 BIOSIS AN PREV199089129189; BA89:129189 DN ***AMYLOID*** DEPOSITION IN ALZHEIMER'S MOLECULAR DETERMINANTS OF ΤI DISEASE CONFORMATIONAL STUDIES OF SYNTHETIC BETA PROTEIN FRAGMENTS. HALVERSON K [Reprint author]; FRASER P E; KIRSCHNER D A; LANSBURY P T JR ΑIJ DEP CHEM, MASSACHUSETTS INST TECHNOLOGY, CAMBRIDGE, MASS 02139, USA CS Biochemistry, (1990) Vol. 29, No. 11, pp. 2639-2644. S0 CODEN: BICHAW. ISSN: 0006-2960. Article DT FS BA LA **ENGLISH** ED Entered STN: 19 May 1990 Last Updated on STN: 19 May 1990

DN PREV199089116615; BA89:116615
TI RESISTANCE OF SCRAPIE INFECTIVITY TO STEAM AUTOCLAVING AFTER FORMALDEHYDE FIXATION AND LIMITED SURVIVAL AFTER ASHING AT 360C PRACTICAL AND THEORETICAL IMPLICATIONS.

L3

AN

1990:219325 BIOSIS

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BROWN P [Reprint author]; LIBERSKI P P; WOLFF A; GAJDUSEK D C
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     BLDG 36, ROOM 5B21, NATL INST HEALTH, BETHESDA, MD 20892, USA
CS
     Journal of Infectious Diseases, (1990) Vol. 161, No. 3, pp. 467-472.
SO
     CODEN: JIDIAQ. ISSN: 0022-1899.
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LA
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     Entered STN: 10 May 1990
ED
     Last Updated on STN: 10 May 1990
     ANSWER 76 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
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     1986:284965 BIOSIS
ΑN
     PREV198682028828; BA82:28828
DN
     GROWTH PATTERN AND HISTOCHEMICAL CHARACTERIZATION OF BOVINE MAMMARY
TI
     CORPORA AMYLACEA.
     SORDILLO L M [Reprint author]; NICKERSON S C LA AGRIC EXP STATION, LA STATE UNIV AGRIC CENTER, HILL FARM RES STATION,
CS
     ROUTE 1, BOX 10, HOMÉR, LA 71040, USA
     Journal of Histochemistry and Cytochemistry, (1986) Vol. 34, No. 5, pp.
SO
     593-598.
     CODEN: JHCYAS. ISSN: 0022-1554.
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FS
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     ENGLISH
     Entered STN: 4 Jul 1986
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     Last Updated on STN: 4 Jul 1986
     ANSWER 77 OF 297 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN
L3
     1986:171749
                  BIOSIS
AN
     PREV198681082165; BA81:82165
DN
                                              ***AMYLOID***
                                                               PROTEIN BAN.
     POLYMORPHISM IN A KAPPA I PRIMARY AL
TT
     DWULET F E [Reprint author]; O'CONNOR T P; BENSON M D
ΑU
     DEP MED, RHEUMATOL DIV, INDIANA UNIV MED SCH, INDIANAPOLIS, INDIANA 46202,
CS
     Molecular Immunology, (1986) Vol. 23, No. 1, pp. 73-78.
SO
     CODEN: MOIMD5. ISSN: 0161-5890.
     Article
DT
FS
     BA
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     ENGLISH
     Entered STN: 26 Apr 1986
ED
     Last Updated on STN: 26 Apr 1986
      ANSWER 78 OF 297 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI ON STN
L3
      2003-24690 BIOTECHDS
ΑN
      New self-aggregating peptide useful for treating
                                                            ***amvloid***
TI
      -associated diseases e.g., Alzheimer's disease, Parkinson's disease,
      hereditary icelandic syndrome, multiple myeloma, medullary carcinoma;
          protein, nucleic acid and antibody for disease therapy and gene
          therapy
      GAZIT E
ΑU
      UNIV RAMOT AT TEL AVIV LTD
PΑ
      WO 2003063760 7 Aug 2003
PΙ
AΙ
      WO 2003-IL79 30 Jan 2003
      US 2002-436453 27 Dec 2002; US 2002-352578 31 Jan 2002
PRAI
DT
      Patent
ΙΔ
      English
      WPI: 2003-689501 [65]
OS
      ANSWER 79 OF 297 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
L3
      2002-19120 BIOTECHDS
ΑN
         ***Amyloid***
                            ***fibrils***
                                            useful as biomaterials and
TI
       nanomaterials in methods of disease treatment, comprise at least two
       different peptides;
          peptide carrier for use in cell culture with use in therapy
ΑU
       DOBSON C M; MACPHEE C
       ISIS INNOVATION LTD
PA
      WO 2002042321 30 May 2002
PΙ
       WO 2000-GB5190 24 Nov 2000
ΑI
      US 2001-264859 29 Jan 2001
PRAI
DT
       Patent
LA
       English
       WPĪ: 2002-527640 [56]
05
       ANSWER 80 OF 297 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI ON STN
L3
       2000-08192 BIOTECHDS
ΑN
                                ***fibrils***
                                                useful in the manufacture of
             ***amyloid***
TI
       New
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plastic and electronics, or as a drug delivery system, some of which may
      have a hallow core;
                               ***amyloid***
         the uses of a new
                                                 as a plastic
ΑU
      Dobson C M
      Isis-Innovation
PA
      Oxford, UK.
LO
      wo 2000017328 30 Mar 2000
ΡI
      WO 1999-GB3133 21 Sep 1999
ΑI
      GB 1999-9927 29 Apr 1999; GB 1998-20555 21 Sep 1998
PRAI
      Patent
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      English
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      WPĪ: 2000-283561 [24]
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      ANSWER 81 OF 297 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
L3
      2001:34042991
                       BIOTECHNO
AN
      Characterization of cholyl-leu-val-phe-pheala-OH as an inhibitor of
TI
         ***amyloid***
                          betapeptide polymerization
      Findeis M.A.; Lee J.-D.; Kelley M.; Wakefield J.D.; Zhang M.-H.; Chin J.;
ΑU
      Kubasek W.; Molineaux S.M.
      Dr. M.A. Findeis, Praecis Pharmaceuticals Incorporated, 830 Winter
CS
      Street, Waltham, MA 02451-1420, United States.
      E-mail: mark.findeis@praecis.com
      Amyloid, (2001), 8/4 (231-241), 46 reference(s)
S0
      CODEN: AIJIET ISSN: 1350-6129
      Journal; Article
DT
      United Kingdom
CY
      English
LA
      English
SL
      ANSWER 82 OF 297 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN
L3
      2000:30089188
                        BIOTECHNO
ΑN
      Aggregation of an amyloidogenic fragment of human islet
                                                                      ***amvloid***
TI
       polypeptide
      Rhoades E.; Agarwal J.; Gafni A.
A. Gafni, Institute of Gerontology, University of Michigan, Box 2007, 300
North Ingalls, Ann Arbor, MI 48109, United States.
E-mail: arigafni@umich.edu
ΑU
CS
      Biochimica et Biophysica Acta - Protein Structure and Molecular Enzymology, (2000), 1476/2 (230-238), 47 reference(s)
S0
       CODEN: BBAEDZ ISSN: 0167-4838
PUI
       s0167483899002484
DT
       Journal; Article
       Netherlands
CY
       English
LA
SL
       English
     ANSWER 83 OF 297 CAPLUS COPYRIGHT 2004 ACS ON STN
L3
     2004:194253 CAPLUS
ΑN
                ***Amyloid***
                                    ***Fibri]***
                                                    Formation of a Peptide Fragment
     Optimum
TI
     Suggests the Amyloidogenic Preference of .beta.2-Microglobulin under
      Physiological Conditions
     Ohhashi, Yumiko; Hasegawa, Kazuhiro; Naiki, Hironobu; Goto, Yuji
ΑU
     and CREST, Japan Science Corporation, Institute for Protein Research,
CS
     Osaka University, Osaka, 565-0871, Japan
      Journal of Biological Chemistry (2004), 279(11), 10814-10821
SO
      CODEN: JBCHA3; ISSN: 0021-9258
     American Society for Biochemistry and Molecular Biology
PB
      Journal
DT
      English
LA
L3
      ANSWER 84 OF 297 CAPLUS COPYRIGHT 2004 ACS on STN
ΑN
      2004:130550 CAPLUS
      conformational genomics and the evolution of molecular self-assemblies
ΤI
ΑU
      Lu, Kun; Dong, Jijun; Walsh, Kenneth; Hill, Teresa; Li, Xiaoyu; Liang,
      Yan; Liu, Peng; Lynn, David
     Emory University, Atlanta, GA, USA
Abstracts, 55th Southeast Regional Meeting of the American Chemical
CS
S0
      Society, Atlanta, GA, United States, November 16-19, 2003 (2003), 132
      Publisher: American Chemical Society, Washington, D. C.
      CODEN: 69EUCH
      Conference: Meeting Abstract
      English
      ANSWER 85 OF 297 CAPLUS COPYRIGHT 2004 ACS ON STN
L3
      2004:116250 CAPLUS
ΑN
                                                      ***fibril***
                                                                      formed in human
      Structural diversity of
                                  ***amyloid***
ΤI
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calcitonin as revealed by site-directed 13C solid-state NMR spectroscopy
     Naito, Akira; Kamihira, Miya; Inoue, Ryozo; Saito, Hazime
ΑU
     Graduate School of Engineering, Yokohama National University, Yokohama,
CS
     240-8501, Japan
     Magnetic Resonance in Chemistry (2004), 42(2), 247-257
S<sub>0</sub>
     CODEN: MRCHEG; ISSN: 0749-1581
     John Wiley & Sons Ltd.
PB
DΤ
     Journal
     English
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RE.CNT
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 86 OF 297 CAPLUS COPYRIGHT 2004 ACS on STN
L3
     2004:70502 CAPLUS
ΑN
     Structure and Assembly of Designed .beta.-Hairpin Peptides in Crystals as
TT
     Models for .beta.-Sheet Aggregation
     Aravinda, Subrayashastry; Harini, Veldore Vidya; Shamala, Narayanaswamy;
ΔU
     Das, Chittaranjan; Balaram, Padmanabhan
     Department of Physics and Molecular Biophysics Unit, Indian Institute of
CS
     Science, Bangalore, 560 012, India
     Biochemistry (2004), 43(7), 1832-1846
CODEN: BICHAW; ISSN: 0006-2960
S0
     American Chemical Society
PB
     Journal
DT
     English
LA
               THERE ARE 55 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE.CNT 55
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 87 OF 297 CAPLUS COPYRIGHT 2004 ACS on STN
L3
     2004:63437
                  CAPLUS
ΑN
     140:143989
DN
        ***Amyloid***
                           ***Nucleation***
                                                 and Hierarchical Assembly of Ure2p
TT
        ***Fibrils*** : Role of asparagine/glutamine repeat and nonrepeat regions
     of the prion domain
     Jiang, Yi; Li, Hui; Zhu, Li; Zhou, Jun-Mei; Perrett, Sarah
Institute of Biophysics, National Laboratory of Biomacromolecules, Chinese
Academy of Sciences, Beijing, 100101, Peop. Rep. China
Journal of Biological Chemistry (2004), 279(5), 3361-3369
CS
SO
      CODEN: JBCHA3; ISSN: 0021-9258
     American Society for Biochemistry and Molecular Biology
PR
     Journal
DT
      English
LA
               THERE ARE 53 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE.CNT
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               ALL CITATIONS AVAILABLE IN THE RE FORMAT
      ANSWER 88 OF 297 CAPLUS COPYRIGHT 2004 ACS on STN
L3
      2003:982492 CAPLUS
AN
      140:89425
DN
      Kinetics of prion growth
ΤI
      Poeschel, Thorsten; Brilliantov, Nikolai V.; Froemmel, Cornelius
ΑIJ
     Humboldt-Universitaet zu Berlin, Charite, Institut fuer Biochemie, Berlin,
CS
      Germany
      Biophysical Journal (2003), 85(6), 3460-3474
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      CODEN: BIOJAU; ISSN: 0006-3495
      Biophysical Society
PR
      Journal
DT
      English
LA
                THERE ARE 32 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE.CNT
        32
                ALL CITATIONS AVAILABLE IN THE RE FORMAT
L3
      ANSWER 89 OF 297 CAPLUS COPYRIGHT 2004 ACS ON STN
AN
      2003:796731 CAPLUS
DN
      139:304160
                                                   peptide-based structures and
      Self-assembling-.beta.- ***amyloid***
TΙ
      control of their self-assembly by changes in metal ions concentration and
      other environmental parameters
      Lynn, David; Conticello, Vince; Morgan, David A.; Dong, Jijun
IN
PA
      Emory University, USA
      PCT Int. Appl., 46 pp.
S<sub>0</sub>
      CODEN: PIXXD2
DT
      Patent
      English
LA
FAN.CNT 2
                                                APPLICATION NO.
                               DATE
                                                                   DATE
      PATENT NO.
                         KIND
                          Α2
                               20031009
                                                wo 2003-us9229
                                                                   20030324
PΙ
      wo 2003082900
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AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
              CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
              GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD,
              RU, TJ,
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              NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ,
              GW, ML, MR, NE, SN, TD, TG
PRAI US 2002-366826P
                               20020322
                         Ρ
     US 2002-420746P
                         Р
                               20021023
     us 2003-456641P
                         Р
                               20030321
     ANSWER 90 OF 297 CAPLUS COPYRIGHT 2004 ACS ON STN
L3
     2003:777396 CAPLUS
ΑN
     139:271076
DN
                                                                   ***amyloid***
     Apomorphine derivatives and analogs as inhibitors of
ΤI
      -.beta. (A.beta.)
                            ***fibril***
                                            formation and their use in amyloidosis
     based disease
     Lashuel, Hilal A.; Callaway, David J. E.
IN
PA
     USA
     U.S. Pat. Appl. Publ., 25 pp.
S0
     CODEN: USXXCO
DT
     Patent
     English
LA
FAN.CNT 1
                        KIND
                                                APPLICATION NO.
                                                                   DATE
     PATENT NO.
                               DATE
                                                us 2002-320609
                                                                   20021217
     us 2003187011
                         Α1
                               20031002
PT
PRAI US 2001-341255P
                         Р
                               20011220
     MARPAT 139:271076
os
     ANSWER 91 OF 297 CAPLUS COPYRIGHT 2004 ACS on STN
L3
     2003:511089 CAPLUS
AN
     139:79164
DN
     Apomorphine inhibitors of
                                   ***amyloid*** -.beta. (A.beta.)
TI
        ***fibril*** formation and their use in amyloidosis based disease
     Lashuel, Hilal A.; Callaway, David J. E.
IN
     The Picower Institute for Medical Research, USA
PA
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     PCT Int. Appl., 57 pp.
      CODEN: PIXXD2
DT
     Patent
     English
LA
FAN.CNT 1
                                                APPLICATION NO.
     PATENT NO.
                         KIND
                               DATE
                                                                   DATE
                         A2
                                20030703
                                                wo 2002-US40660
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PΙ
     wo 2003053356
     wo 2003053356
                         Α3
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              AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
              CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
              GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
              LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
              PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU,
          RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG,
               CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,
              PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
              MR, NE, SN, TD, TG
PRAI US 2001-341225P
                               20011220
os
     MARPAT 139:79164
      ANSWER 92 OF 297 CAPLUS COPYRIGHT 2004 ACS ON STN
L3
      2003:496984 CAPLUS
AN
DN
      140:72737
      Identification and characterization of a specific ligand for the Alzheimer
TI
        ***amyloid***  -.beta.-peptide (A.beta.)
ΑU
     Wiesehan, Katja
      Institut fuer Biologische Informationsverarbeitung, Forschungszentrum
CS
      Juelich, Germany
      Berichté des Forschungszentrums Juelich (2003), Juel-4024, i-vii, 1-143
SO
      CODEN: FJBEE5; ISSN: 0944-2952
      Report
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LA

German

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RE.CNT 158
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
     ANSWER 93 OF 297 CAPLUS COPYRIGHT 2004 ACS ON STN
L3
     2003:478355 CAPLUS
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DN
     139:147846
                                   ***Amyloid*** -.beta. Peptides as the
     Specific Compositions of
     Determinant of Toxic .beta -Aggregation
     Yoshiike, Yuji; Chui, De-Hua; Akagi, Takumi; Tanaka, Nobuo; Takashima,
ΑU
     Akihiko
     Laboratory for Alzheimer's Disease, RIKEN Brain Science Institute, 2-1
CS
     Hirosawa, Wako-shi, Saitama, 351-0198, Japan
     Journal of Biological Chemistry (2003), 278(26), 23648-23655
     CODEN: JBCHA3; ISSN: 0021-9258
     American Society for Biochemistry and Molecular Biology
PR
     Journal
DT
     English
1 A
               THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE.CNT 28
               ALL CITATIONS AVAILABLE IN THE RE FORMAT
L3
     ANSWER 94 OF 297 CAPLUS COPYRIGHT 2004 ACS on STN
AN
     2003:226842 CAPLUS
DN
     138:216882
                                 ***amvloid*** - ***fibrils***
                                                                      of
     Structural analysis of
TI
      .beta.2-microglobulin
     Hoshino, Masaru
ΑU
     Inst. Protein Res., Osaka Univ., Suita, 565-0871, Japan Seikagaku (2003), 75(2), 143-148
CS
S<sub>0</sub>
     CODEN: SEIKAQ; ISSN: 0037-1017
     Nippon Seikagakkai
PB
DT
     Journal; General Review
      Japanese
LA
     ANSWER 95 OF 297 CAPLUS COPYRIGHT 2004 ACS ON STN
L3
      2002:746509 CAPLUS
ΑN
      137:367862
DN
                          ***Amyloid***
                                            Formation: Insight into the Structure
      Metal Switch for
TI
      of the Nucleus
      Morgan, David M.; Dong, Jijun; Jacob, Jaby; Lu, Kun; Apkarian, Robert P.;
      Thiyagarajan, Pappannan; Lynn, David G.
      Center for the Analysis of SupraMolecular Self-Assemblies, Departments of
CS
     Chemistry and Biology, Emory University, Atlanta, GA, 30322, USA Journal of the American Chemical Society (2002), 124(43), 12644-12645
50
      CODEN: JACSAT; ISSN: 0002-7863
      American Chemical Society
PB
      Journal
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      English
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                THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE.CNT
        22
                ALL CITATIONS AVAILABLE IN THE RE FORMAT
      ANSWER 96 OF 297 CAPLUS COPYRIGHT 2004 ACS on STN
L3
      2002:710455 CAPLUS
ΑN
DN
      138:281006
      Low molecular weight glycosaminoglycan blockade of beta
                                                                      ***amvloid***
TI
      (25-35) induced neuropathology
     Walzer, M.; Lorens, S.; Hejna, M.; Fareed, J.; Mervis, R.; Hanin, I.; Cornelli, U.; Lee, J. M.
Department of Pharmacology, Loyola University Chicago Medical Center,
ΔU
      Maywood, IL, USA
Advances in Behavioral Biology (2002), 51(Mapping the Progress of
SO
      Alzheimer's and Parkinson's Disease), 165-170
      CODEN: ADBBBW: ISSN: 0099-6246
PB
      Plenum Publishing Corp.
DT
      Journal
      English
LA
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                ALL CITATIONS AVAILABLE IN THE RE FORMAT
      ANSWER 97 OF 297 CAPLUS COPYRIGHT 2004 ACS ON STN
L3
      2002:692423 CAPLUS
ΑN
      138:165354
DN
      Complementary assembly of heterogeneous multiple peptides into
TI
        ***amyloid***
                            ***fibrils***
                                             with .alpha.-.beta. structural
      transitions
      Takahashi, Yuta; Ueno, Akihiko; Mihara, Hisakazu
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Department of Bioengineering, Graduate School of Bioscience and

ΑU

CS

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Biotechnology, Tokyo Institute of Technology, Tokyo, Japan
Peptides: The Wave of the Future, Proceedings of the Second International
and the Seventeenth American Peptide Symposium, San Diego, CA, United
States, June 9-14, 2001 (2001), 435-437. Editor(s): Lebl, Michal;
Houghten, Richard A. Publisher: American Peptide Society, San Diego,
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      CODEN: 69DBAL; ISBN: 0-9715560-0-8
      Conference
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      English
                  THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
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         12
                  ALL CITATIONS AVAILABLE IN THE RE FORMAT
      ANSWER 98 OF 297 CAPLUS COPYRIGHT 2004 ACS on STN
L3
      2002:435239 CAPLUS
ΑN
      137:319845
DN
      The search for .gamma.-secretase and development of inhibitors
TI
       Tsai, Jui-Yi; Wolfe, Michael S.; Xia, Weiming
ΑU
      PPG Industrial, Monroeville, PA, 15146, USA
CS
      Current Medicinal Chemistry (2002), 9(11), 1087-1106
S0
       CODEN: CMCHE7; ISSN: 0929-8673
       Bentham Science Publishers
PB
       Journal; General Review
DT
       English
LA
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ANCSIN, JOHN BELA [PH.D.]; KISILEVSKY, R. [advisor]
QUEEN'S UNIVERSITY AT KINGSTON (CANADA) (0283) ΑU CS Dissertation Abstracts International, (1996) Vol. 58, No. 1B, p. 146. SO order No.: AARNN15258. 196 pages. ISBN: 0-612-15258-8. DT Dissertation FS DAI English LA Entered STN: 19970604 ED Last Updated on STN: 19970604 ANSWER 134 OF 297 DISSABS COPYRIGHT (C) 2004 ProQuest Information and Learning Company; All Rights Reserved on STN 95:36799 DISSABS order Number: AAI0575895 (not available for sale by UMI) ***AMYLOID*** DEPOSITION IN TYPE II THE MOLECULAR BASIS OF PANCREATIC ΤI DIABETES AND THE BINDING OF CONGO RED TO ***AMYLOID*** (DIABETES MELLITUS) ASHBURN, THEODORE THOMAS [PH.D.]; LANSBURY, PETER T., JR. [advisor] ΑIJ MASSACHUSETTS INSTITUTE OF TECHNOLOGY (0753) CS Dissertation Abstracts International, (1995) Vol. 56, No. 2B, p. 820. Order No.: AAI0575895 (not available for sale by UMI). DT Dissertation DAI FS English ΙΔ Entered STN: 19950801 ED Last Updated on STN: 19950801 ANSWER 135 OF 297 DISSABS COPYRIGHT (C) 2004 ProQuest Information and L3 Learning Company; All Rights Reserved on STN Order Number: AARO575002 (not available for sale by 94:40442 DISSABS AN UMI) MODELS FOR PROTEIN ASSEMBLY IN THE PRION DISEASES (ENCEPHALOPATHY) TI COME, JON H. [PH.D.]; LANSBURY, PETER T., JR. [advisor] ΑU MASSACHUSETTS INSTITUTE OF TECHNOLOGY (0753) CS Dissertation Abstracts International, (1994) vol. 55, No. 5B, p. 1847. SO Order No.: AAR0575002 (not available for sale by UMI). DT Dissertation FS DAI English LA ED Entered STN: 19941103 Last Updated on STN: 19941103 ANSWER 136 OF 297 DISSABS COPYRIGHT (C) 2004 ProQuest Information and L3 Learning Company; All Rights Reserved on STN order Number: AAR0573472 (not available for sale by 93:53298 DISSABS AN ***FIBRIL*** ***AMYLOID*** FORMATION IN ALZHEIMER'S DISEASE ΤI JARRETT, JOSEPH TIMOTHY [PH.D.]; LANSBURY, PETER T., JR. [advisor] MASSACHUSETTS INSTITUTE OF TECHNOLOGY (0753) Dissertation Abstracts International, (1993) Vol. 54, No. 6B, p. 3043. Order No.: AAR0573472 (not available for sale by UMI). ΑU CS SO DT Dissertation FS DAI LA English ED Entered STN: 19931119 Last Updated on STN: 19931119 ANSWER 137 OF 297 DISSABS COPYRIGHT (C) 2004 ProQuest Information and L3 Learning Company; All Rights Reserved on STN Order Number: AARO573468 (not available for sale by

93:53294 DISSABS

UMI)

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STRUCTURE DETERMINATION OF N-GLYCOSYLATION SITES AND THE SYNTHESIS AND
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     BERGER, ELIZABETH PRESTON [PH.D.]; LANSBURY, PETER T., JR. [advisor]
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The Role of pH on Instability and Aggregation of Sickle Hemoglobin
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     Manno M.; San Biagio P.L.; Palma M.U.
     M.U. Palma, INFM Unit, Dept. of Phys. and Astron. Science, University of
CS
     Palermo, Via Archirafi 36, I-90123 Palermo, Italy. palmamu@fisica.unipa.it
     Proteins: Structure, Function and Genetics, (1 Apr 2004) 55/1 (169-176).
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      J.W. Kelly, Skaggs Inst. of Chemical Biology, Department of Chemistry,
CS
      Scripps Research Institute, San Diego, CA 92037, United States.
      ikelly@scripps.edu
      Nature Structural Biology, (2000) 7/10 (824-826).
S0
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      Monitoring protein assembly using quasielastic light scattering
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      spectroscopy.
      Lomakin A.; Benedek G.B.; Teplow D.B.
A. Lomakin, Department of Physics, Center for Materials Science/Engg.,
ΑU
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      Massachusetts Inst. of Technology, Cambridge, MA 02139, United States Methods in Enzymology, (1999) 309/- (429-459). ISSN: 0076-6879 CODEN: MENZAU
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       ANSWER 156 OF 297 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.
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ESBIOBASE
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      Time scale of protein aggregation dictated by liquid-liquid demixing
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      Vaiana S.M.; Palma-Vittorelli M.B.; Palma M.Ú.
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      M.U. Palma, Dept. of Physical Sciences, Via Archirafi 36, I-90123
CS
      Palermo, Italy.
      E-mail: palmamu@fisica.unipa.it
      Proteins: Structure, Function and Genetics, (01 APR 2003), 51/1
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CS
      la Terrasse, 91198 Gif-sur-Yvette, France.
      E-mail: melki@lebs.cnrs-gif.fr
      Microbes and Infection, (2002), 4/4 (461-469), 110 reference(s)
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SF
      CALIFORNIA-IRVINE, 3238 MCGAUGH HALL
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       Masters C.L.; Beyreuther K.
ΑU
       Nature, 1997, (July 17), 388 (6639), 228-229 (12 ref.)
SO
DT
       Journal
       English
LA
       English
SL
      ANSWER 165 OF 297 IFIPAT COPYRIGHT 2004 IFI on STN
L3
       10541916 IFIPAT; IFIUDB; IFICDB
ΑN
       SYSTEM AND METHODS FOR TREATMENT OF ALZHEIMER'S AND OTHER
TI
       DEPOSITION-RELATED DISORDERS OF THE BRAIN
       Sliwa John W JR; Tosaya Carol A
IN
       Unassigned Or Assigned To Individual (68000)
PA
                        A1 20040311
PΙ
       us 2004049134
                            20030701
ΑI
       us 2003-612171
       us 2002-394089P
                            20020702 (Provisional)
PRAI
       us 2004049134
                            20040311
FΙ
       Utility; Patent Application - First Publication
DT
       MECHANICAL
 FS
       APPLICATION
 CLMN
        3 Figure(s).
 GI
      FIG. 1 is a therapy sequence menu showing various therapy options,
       employed in the practice of the present invention;
      FIG. 2 is a view of the head of a patient, with head-mounted therapy transducers in accordance with an embodiment of the present invention;
      FIG. 3 is a schematic diagram of the therapy system and cabling.
      ANSWER 166 OF 297 JICST-EPlus COPYRIGHT 2004 JST on STN
 L3
                  JICST-EPlus
      1030739405
 ΑN
      Mechanisms of dialysis-related amyloidosis
 TI
      YAMAMOTO SUGURU; HASEGAWA KAZUHIRO; UCHIKI HIRONOBU
 ΑIJ
      Fukui Med. Sch. Fac. of Med.
 CS
      Kansetsu Geka (Journal of Joint Surgery), (2003) vol. 22, no. 11, pp.
      1398-1403. Journal Code: S0169B (Fig. 4, Ref. 13)
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ISSN: 0286-5394
CY
     Japan
     Journal; Commentary
DT
     Japanese
ΙΑ
STA
     New
     ANSWER 167 OF 297 JICST-EPlus COPYRIGHT 2004 JST on STN
L3
                 JICST-EPlus
     1000736458
ΑN
                                ***amvloid***
                                                  fibrillization caused by B type
     C type apoA-II induces
ΤI
     apoA-II
     XING Y; DEN R; NAKAMURA A; CHIBA T; HIGUCHI K; KORENAGA T
ΑU
     HOSOKAWA M
     KAMEYA E
     Shinshu Univ., Fac. Medicine, Res. Center for Aging and Adaption
CS
     Psychiatr. Res. Inst. of Tokyo
     Kyoto Univ., Inst.for Frontier Medical Sci., JPN
     Kiso Roka Kenkyu (Biomedical Gerontology), (2000) vol. 24, no. 1, pp. 39.
SO
     Journal Code: Ý0748A
     ISSN: 0912-8921
     Japan
CY
DT
      Journal; Preprint
LA
      English
STA
     New
     ANSWER 168 OF 297 JICST-EPlus COPYRIGHT 2004 JST on STN
L3
      980563525 JICST-EPlus
ΑN
      Apolipoprotein E and antioxidants have different mechanisms of inhibiting
ΤI
      Alzheimer's .BETA.- ***amyloid***
                                                ***fibril***
                                                                formation in vitro.
     NAIKI HIRONOBU; NAKAKUKI KAZUYA
ΑU
      Fukui Med. Sch.
CS
      Kiso Roka Kenkyu (Biomedical Gerontology), (1998) vol. 21, no. 2, pp. 72.
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      Journal Code: Y0748A (Ref. 2)
      ISSN: 0912-8921
CY
      Japan
      Journal; Short Communication
DT
      Japanese
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      New
      ANSWER 169 OF 297 LIFESCI
                                      COPYRIGHT 2004 CSA on STN
L3
      2003:31182 LIFESCI
AN
                       ***Amyloid*** - beta Peptide for the Treatment of
      Targeting the
TI
      Alzheimer's Disease
UΑ
      Tsai, Jui-Yi
      PPG Industries, Inc., Monroeville, PA, USA
CS
      Current Medicinal Chemistry [Curr. Med. Chem.], (20020600) vol. 9, no. 11,
S0
      [np].
      ISSN: 0929-8673.
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      Journal
      General Review
TC
      N3
FS
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      English
       ANSWER 170 OF 297 PASCAL COPYRIGHT 2004 INIST-CNRS. ALL RIGHTS
L3
       RESERVED. on STN
ΔN
       2002-0186448
                       PASCAL
       Copyright .COPYRGT. 2002 INIST-CNRS. All rights reserved. Role of Escherichia coli curli operons in directing ***
CP
                                                                  ***amyloid***
TIEN
       fiber formation
       CHAPMAN Matthew R.; ROBINSON Lloyd S.; PINKNER Jerome S.; ROTH Robyn;
ΑU
       HEUSER John; HAMMAR Marten; NORMARK Staffan; HULTGREN Scott J.
       Department of Molecular Microbiology and Microbial Pathogenesis, Box
CS
       8230, Washington University School of Medicine, 660 South Euclid Avenue,
       St. Louis, MO 63110, United States; Department of Cell Biology and
       Physiology, Box 8228, Washington University School of Medicine, 660 South
       Euclid Avenue, St. Louis, MO 63110, United States; Department of Microbiology and Tumorbiology Center (MTC), Karolinska Institute, Box 280, 171777 Stockholm, Sweden
       Science: (Washington, D.C.), (2002), 295(5556), 851-855
 SO
       ISSN: 0036-8075 CODEN: SCIEÁS
       Journal; General Review
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 BL
       Analytic
       United States
 CY
       English
 LA
       1/4 p. ref. et notes
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       INIST-6040, 354000100214270180
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        RESERVED. on STN
        1991-0459779
                            PASCAL
AN
                                                       ***nucleation***
        13. heterogeneous/epitaxial (HE)
                                                                                 of protein crystals
TIEN
                                                                              ***fibrils***
                                                      ***amyloid***
        in relation to the formation of
ΑU
        SHLICHTA P. J.
        Crystal res., San Pedro CA 90732, United States
CS
        Brain research reviews, (1991), 16(1), 105-106
S0
        ISSN: 0165-0173
        Journal
DT
        Analytic
BL
        Netherlands
CY
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        English
        INIST-12895 D, 354000014118350180
ΑV
       ANSWER 172 OF 297 PHAR COPYRIGHT 2004 PJB on STN
L3
       15101 PHAR
AN
       026241
DN
       PPI-1019
CN
       Pharmaprojects No. 5438
CN
CN
CN
       PPI-368
STA
      Active
CO
                                                 |Development Status
              |Company Name (Country)
    Type
_____+
Originator|Praecis Pharmaceuticals |Phase I Clinical Trial
              |(United States)
       Pharmaprojects. PJB Publications Ltd., Richmond, Surrey, UK
S0
       PPI-1019 (Apan) is the lead compound in a series of low molecular weight peptido-organic ***amyloid*** plaque inhibitors, under development by Praecis Pharmaceuticals for the treatment of
TX
       Alzheimer's disease (AD) (Company Web Page, Praecis, 12 Sep 2000). It inhibits beta- ***amyloid*** aggregation and may facilitate its clearance from the brain (Press release, Praecis, 19 Dec 2000). Clinical Phase IIt is in a dose-escalation, single-dose Phase Ib trial in AD (complete Phase III) and the MTD (2nd oth page Phase III) and the MTD (2nd oth page III) and III are processed III is a dose-escalation of 2004), to
       determine the MTD (3rd Qtr Res, Praecis, 2003). A multidose Phase Ic
       trial is expected to follow (Press release, Praecis, 15 Sep 2003). A
       Phase Ia trial in >40 healthy volunteers to assess the safety,
       tolerability and maximum single dose is complete (4th Qtr_Res,
       Praecis, 2003).PreclinicalIn transgenic mice, an earlier lead, PPI-368, significantly increased beta- ***amyloid*** levels in the
       CSF, indicating increased clearance from the brain (Press release, Praecis, 19 Dec 2000). In a ***nucleation*** -dependent
       polymerization assay, PPI-368 dose-dependently inhibited the
                           ***fibrils*** . It also inhibited the formation of
       formation of
       neurotoxic polymers in vitro. In a polymerization extension assay, it inhibited the growth rate of ***fibrils*** by 50%. Apan-CH (qv)
       is in development as a vaccine (Company Web Page, Praecis, 20 Jul
       2001).LicensingIt is available for licensing (Company communication,
       Nov 1998). Updated by SM on 2/2/2004.
DSTA World: Phase I Clinical Trial
Argentina: Available for Licensing
Australia: Available for Licensing
       Austria: Available for Licensing
       Belgium: Available for Licensing
       Brazil: Available for Licensing
       Canada: Available for Licensing
       Chile: Available for Licensing
       China: Available for Licensing Colombia: Available for Licensing
       Denmark: Available for Licensing Finland: Available for Licensing France: Available for Licensing
       Germany: Available for Licensing
       Greece: Available for Licensing
       Hong Kong: Available for Licensing
        India: Available for Licensing
        Ireland: Available for Licensing
       Israel: Available for Licensing
        Italy: Available for Licensing
        Japan: Available for Licensing
        Luxembourg: Available for Licensing
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Malaysia: Available for Licensing
     Mexico: Available for Licensing
     Netherlands: Available for Licensing
     Norway: Available for Licensing
     New Zealand: Available for Licensing
     Peru: Available for Licensing
     Philippines: Available for Licensing
     Portugal: Available for Licensing
     Russian Federation: Available for Licensing
     South Africa: Available for Licensing
     Korea, Republic of: Available for Licensing
     Spain: Available for Licensing
     Sweden: Available for Licensing
     Switzerland: Available for Licensing
     Thailand: Available for Licensing
     Turkey: Available for Licensing
     United Kingdom: Available for Licensing
United States: Phase I Clinical Trial; Available for Licensing
Venezuela: Available for Licensing
                Cognition enhancer
     N6D
     Indication: Alzheimer's disease
ORGM CH-SY (Chemical, synthetic)
RTE UN (Unknown)
RDAT 20040227
                  RNTE ##Act##New Chemical Structure New
                      ##Act##Status changed Phase I Clinical Trial
     20010315
                      ##Est##Compound identified Pharmaprojects No. 5438
     19981127
                      ##Est##Licensing Opportunity Worldwide
     19981127
     19970718
                      ##Est##New Product
NRAT 6:Novelty Rating - Leading Compound
MRAT 2:Market Rating - US$ 501-2000 million
SRAT 2:Speed Rating - Slower than Average
TRAT 10:Total Rating - Total Rating PHCD BAP-AN; Beta ***amyloid***
                                       protein antagonist; Physiological,
                           ***amyloid***
                                           protein antagonist;
     Biochemical, Beta
       ***Amyloid*** protein antagonist; P-B-BAP-AN.
PHCD P; P-AN; P-B; P-B-AN; P-B-BAP; P-B-BAP-AN; B; B-AN; B-BAP; B-BAP-AN;
     BAP; BAP-AN.
Therapy (CC) | Pharmacology (PHCD) | Status (DSTC)
             BAP-AN
                                    |C1
LCDAT 20040227: AZ : Chemical structure reported
STRUCTURE DIAGRAM IS NOT AVAILABLE
     ANSWER 173 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
     2004:238598 SCISEARCH
     The Genuine Article (R) Number: 779GQ
                                                 ***amyloid***
                                                                  diseases
     Perspectives for drug intervention in
     Kolstoe S (Reprint); Wood S
     Univ Southampton, Sch Biol Sci, Div Biochem & Mol Biol, Bassett Crescent,
     E Southampton SO17 7PX, Hants, England (Reprint); Univ Southampton, Sch
     Biol Sci, Div Biochem & Mol Biol, E Southampton SO17 7PX, Hants, England
CYA
     England
     CURRENT DRUG TARGETS, (FEB 2004) Vol. 5, No. 2, pp. 151-158.
     Publisher: BENTHAM SCIENCE PUBL LTD, PO BOX 1673, 1200 BR HILVERSUM,
     NETHERLANDS.
     ISSN: 1389-4501.
     General Review; Journal
     English
REC
     Reference Count: 60
      *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
     ANSWER 174 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN
      2004:216806 SCISEARCH
     The Genuine Article (R) Number: 778XD
     Properties of some variants of human beta(2)-microglobulin and
      amyloidogenesis
     Corazza A; Pettirossi F; Viglino P; Verdone G; Garcia J; Dumy P; Giorgetti
      S; Mangione P; Raimondi S; Stoppini M; Bellotti V; Esposito G (Reprint)
      Univ Udine, Dipartimento Sci & Tecnol Biomed, Piazzale Kolbe 4, I-33100
      Udine, Italy (Reprint); Univ Udine, Dipartimento Sci & Tecnol Biomed,
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I-33100 Udine, Italy; Univ Udine, Micrograv Aging Training & Immobil Ctr Excellence, I-33100 Udine, Italy; Univ Grenoble 1, Etud Dynam & Struct Select Lab, F-38041 Grenoble, France; Univ Pavia, Dipartimento Biochim, I-27100 Pavia, Italy; Policlin San Matteo, Ist Recovero & Cura Carattere Sci, Lab Biotecnol, I-27100 Pavia, Italy

Italy; France CYA

JOURNAL OF BIOLOGICAL CHEMISTRY, (5 MAR 2004) Vol. 279, No. 10, pp. 9176-9189. Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA. ISSN: 0021-9258.

Article: Journal DT

LA English

Reference Count: 53 REC

ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS

ANSWER 175 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3

2004:184959 SCISEARCH ΑN

The Genuine Article (R) Number: 773MX GΑ

Evidence for an intermediate in tau filament formation TI

ΑU Chirita C N; Kuret J (Reprint)

Ohio State Univ, Coll Med & Publ Hlth, Dept Mol & Cellular Biochem, Columbus, OH 43210 USA (Reprint); Ohio State Univ, Coll Med & Publ Hlth, Biophys Program, Columbus, OH 43210 USA

CYA

BIOCHEMISTRY, (17 FEB 2004) Vol. 43, No. 6, pp. 1704-1714. SO Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA. ISSN: 0006-2960.

Article; Journal DT

English LA

Reference Count: 80 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*

ANSWER 176 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3

2004:81569 SCISEARCH AN

The Genuine Article (R) Number: 761BP GA

amyloid polypeptide The mechanism of insulin action on islet TI fiber formation

Larson J L; Miranker A D (Reprint)

Yale Univ, Dept Mol Biophys & Biochem, 260 Whitney Ave, New Haven, CT CS 06520 USA (Reprint); Yale Univ, Dept Mol Biophys & Biochem, New Haven, CT 06520 USA

CYA USA

JOURNAL OF MOLECULAR BIOLOGY, (2 JAN 2004) Vol. 335, No. 1, pp. 221-231. S0 Publisher: ACADEMIC PRESS LTD ELSEVIER SCIENCE LTD, 24-28 OVAL RD, LONDON NW1 7DX, ENGLAND. ISSN: 0Ó22-2836. Article; Journal

DT

English LA

- Reference Count: 28 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
- ANSWER 177 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3

2004:8747 SCISEARCH ΑN

GΑ

The Genuine Article (R) Number: 753FZ
The induction of ***amyloid*** precursor protein and alpha-synuclein in rat hippocarnpal astrocytes by diethyldithiocarbamate and copper with TT or without glutathione Cheng S Y; Trombetta L D (Reprint)

ΑU

St Johns Univ, Coll Pharm & Allied Hlth Profess, 8000 Utopia Pkwy, CS Jamaica, NY 11439 USA (Reprint); St Johns Univ, Coll Pharm & Allied Hlth Profess, Jamaica, NY 11439 USA

CYA

TOXICOLOGY LETTERS, (15 JAN 2004) Vol. 146, No. 2, pp. 139-149. 50 Publisher: ELSEVIER SCI IRELAND LTD, CUSTOMER RELATIONS MANAGER, BAY 15, SHANNON INDUSTRIAL ESTATE CO, CLARE, IRELAND. ISSN: 0378-4274.

Article; Journal DT

English LA

- Reference Count: 33 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS*
- ANSWER 178 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3

2003:1031562 SCISEARCH ΑN

The Genuine Article (R) Number: 743JV GA

Rapid anionic micelle-mediated alpha-synuclein fibrillization in vitro TI

Necula M; Chirita C N; Kuret J (Reprint) Ohio State Univ, Coll Med & Publ Hlth, Ctr Biotechnol, Dept Mol & Cellular Biochem, 1060 Carmack Rd, Columbus, OH 43210 USA (Reprint); Ohio State Univ, Coll Med & Publ Hlth, Ctr Biotechnol, Dept Mol & Cellular Biochem, Columbus, OH 43210 USA; Ohio State Univ, Coll Med & Publ Hlth, Biophys Program, Columbus, OH 43210 USA CYA JOURNAL OF BIOLOGICAL CHEMISTRY, (21 NOV 2003) Vol. 278, No. 47, pp. 50 46674-46680. Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3996 USA. ISSN: 0021-9258. DT Article; Journal English LA Reference Count: 80 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 179 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 2003:931405 SCISEARCH AN The Genuine Article (R) Number: 735YF GA Kinetics of heat- and acidification-induced aggregation of firefly luciferase Wang K Y; Kurganov B I (Reprint) ΑIJ Russian Acad Sci, Bach Inst Biochem, Leninsky Prospekt 33, Moscow 119071, CS Russia (Reprint); Russian Acad Sci, Bach Inst Biochem, Moscow 119071, Russia; Columbia Univ, Dept Ophthalmol, New York, NY 10027 USA CYA Russia; USA BIOPHYSICAL CHEMISTRY, (1 NOV 2003) Vol. 106, No. 2, pp. 97-109. Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, **NETHERLANDS**. ISSN: 0301-4622. Article; Journal DT English LA Reference Count: 62 REC . *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 180 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 2003:852191 SCISEARCH ΑN The Genuine Article (R) Number: 726HC Aggregation of bovine insulin probed by DSC/PPC calorimetry and FTIR TI spectroscopy Dzwolak W; Ravindra R; Lendermann J; Winter R (Reprint) ΑU Univ Dortmund, Dept Chem, Otto Hahn Str 6, D-44227 Dortmund, Germany (Reprint); Univ Dortmund, Dept Chem, D-44227 Dortmund, Germany; Polish Acad Sci, High Pressure Res Ctr, PL-01142 Warsaw, Poland Germany; Poland CYA BIOCHEMISTRY, (30 SEP 2003) Vol. 42, No. 38, pp. 11347-11355. Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA. ISSN: 0006-2960 Article; Journal DT English ΙA Reference Count: 44 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 181 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 2003:551537 SCISEARCH AN The Genuine Article (R) Number: 695FN GΑ Concentration effect on the aggregation of a self-assembling oligopeptide Fung S Y; Keyes C; Duhamel J; Chen P (Reprint) ΑU Univ Waterloo, Dept Chem Engn, Waterloo, ON N2L 3G1, Canada (Reprint); CS Univ Waterloo, Dept Chem, Waterloo, ON N2L 3G1, Canada CYA BIOPHYSICAL JOURNAL, (JUL 2003) Vol. 85, No. 1, pp. 537-548. Publisher: BIOPHYSICAL SOCIETY, 9650 ROCKVILLE PIKE, BETHESDA, MD SO 20814-3998 USA. ISSN: 0006-3495 Article; Journal DT English Reference Count: 45 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 182 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 2003:112311 SCISEARCH ΑN The Genuine Article (R) Number: 638JY Oxidative dimer formation is the critical rate-limiting step for

Parkinson's disease alpha-synuclein fibrillogenesis

ΤI

Krishnan S; Chi E Y; Wood S J; Kendrick B S; Li C; Garzon-Rodriguez W; Wypych J; Randolph T W; Narhi L O; Biere A L; Citron M; Carpenter J F (Reprint) Univ Colorado, Hlth Sci Ctr, Dept Pharmaceut Sci, Sch Pharm, Denver, CO CS 80262 USA (Reprint); Univ Colorado, Dept Chem Engn, Boulder, CO 80309 USA; Amgen Inc. Thousand Oaks, CA 91320 USA CYA BIOCHEMISTRY, (28 JAN 2003) Vol. 42, No. 3, pp. 829-837. SO. Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA. ISSN: 0006-2960. Article; Journal DT Enalish LA Reference Count: 60 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 183 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 2003:64411 SCISEARCH AN The Genuine Article (R) Number: 630HN GA Mutational analysis of the structural organization of polyglutamine TI aggregates Thakur A K; Wetzel R (Reprint) ΑU Univ Tennessee, Med Ctr, Grad Sch Med, R221, 1924 Alcoa Highway, Knoxville, TN 37920 USA (Reprint); Univ Tennessee, Med Ctr, Grad Sch Med, Knoxville, TN 37920 USA USA CYA PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA, (24 DEC 2002) Vol. 99, No. 26, pp. 17014-17019. SO Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC 20418 USA. ISSN: 0027-8424. Article; Journal DT English LA REC Reference Count: 36 *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 184 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 ΑN 2002:816341 SCISEARCH The Genuine Article (R) Number: 597CT GΑ DNA-induced partial unfolding of prion protein leads to its polymerisation ***amyloid*** Nandi P K (Reprint); Leclerc E; Nicole J C; Takahashi M ΑU INRA, F-37380 Nouzilly, France (Reprint); Scripps Clin & Res Inst, IMM2 CS Dept Immunol, La Jolla, CA 92037 USA; Ctr Univ Orsay, Inst Curie, F-91405 Orsay, France; Ctr Univ Orsay, CNRS, F-91405 Orsay, France France; USA CYA JOURNAL OF MOLECULAR BIOLOGY, (6 SEP 2002) Vol. 322, No. 1, pp. 153-161. SO Publisher: ACADEMIC PRESS LTD ELSEVIER SCIENCE LTD, 24-28 OVAL RD, LONDON NW1 7DX, ENGLAND. ISSN: 0022-2836 Article; Journal DT ΙΔ English REC Reference Count: 43 *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 185 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN L3 2002:737728 SCISEARCH ΑN The Genuine Article (R) Number: 590MZ GA Peptide aggregation in neurodegenerative disease Murphy R M (Reprint) Univ Wisconsin, Dept Chem Engn, 1415 Johnson Dr, Madison, WI 53706 USA (Reprint); Univ Wisconsin, Dept Chem Engn, Madison, WI 53706 USA CYA ANNUAL REVIEW OF BIOMEDICAL ENGINEERING, (JUL 2002) Vol. 4, pp. 155-174. **SO** Publisher: ANNUAL REVIEWS, 4139 EL CAMINO WAY, PO BOX 10139, PALO ALTO, CA 94303-0139 USA. ISSN: 1523-9829. General Review; Journal DT English Reference Count: 96 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 186 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3

2002:331989 SCISEARCH

The Genuine Article (R) Number: 540MH

The role of dimerization in prion replication

Tompa P; Tusnady G E; Friedrich P; Simon I (Reprint)

AN GA

ΤI

ΑU

Hungarian Acad Sci, Biol Res Ctr, Inst Enzymol, POB 7, H-1518 Budapest Hungary (Reprint); Hungarian Acad Sci, Biol Res Ctr, Inst Enzymol, H-1518 Budapest, Hungary CYA Hungary BIOPHYSICAL JOURNAL, (APR 2002) Vol. 82, No. 4, pp. 1711-1718. S0 Publisher: BIOPHYSICAL SOCIETY, 9650 ROCKVILLE PIKE, BETHESDA, MD 20814-3998 USA. ISSN: 0006-3495 Article; Journal DT English LA Reference Count: 69 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 187 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 2001:774793 SCISEARCH AN The Genuine Article (R) Number: 475CU GA Multistep nucleus formation and a separate subunit contribution of the TT amyloidgenesis of heat-denatured monellin Konno T (Reprint) AU Fukui Med Univ, Dept Physiol, Fukui 9101193, Japan (Reprint) CS CYA PROTEIN SCIENCE, (OCT 2001) Vol. 10, No. 10, pp. 2093-2101. SO Publisher: COLD SPRING HARBOR LAB PRESS, 1 BUNGTOWN RD, PLAINVIEW, NY 11724 USA. ISSN: 0961-8368 DT Article; Journal English LA Reference Count: 35 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 188 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 2001:443731 SCISEARCH AN The Genuine Article (R) Number: 436JN GΑ Effect of environmental factors on the kinetics of insulin ***fibril*** TI formation: Elucidation of the molecular mechanism Nielsen L; Khurana R; Coats A; Frokjaer S; Brange J; Vyas S; Uversky V N; Fink A L (Reprint) ΑU Univ Calif Santa Cruz, Dept Chem & Biochem, Santa Cruz, CA 95064 USA CS (Reprint); Royal Danish Sch Pharm, Dept Pharmaceut, DK-2100 Copenhagen, Denmark; Novo Nordisk AS, DK-2880 Bagsvaerd, Denmark CYA USA: Denmark BIOCHEMISTRY, (22 MAY 2001) Vol. 40, No. 20, pp. 6036-6046. SO. Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036 USA. ISSN: 0006-2960. DT Article; Journal English LA REC Reference Count: 55 *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 189 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 2001:333183 SCISEARCH AN The Genuine Article (R) Number: 424AQ GA Is aggregation of beta- ***amyloid*** peptides a mis-functioning of a TI current interaction process? Festy F; Lins L; Peranzi G; Octave J N; Brasseur R (Reprint); Thomas A ΔU CBMN, Fsagx, 2 Passage Deportes, B-5030 Gembloux, Belgium (Reprint); CBMN, Fsagx, B-5030 Gembloux, Belgium; Fac Xavier Bichat, INSERM U410, F-75870 CS Paris 18, France; Univ Catholique Louvain, Pharmacol Lab, B-1200 Brussels, Belgium CYA Belgium; France BIOCHIMICA ET BIOPHYSICA ACTA-PROTEIN STRUCTURE AND MOLECULAR ENZYMOLOGY, SO (7 APR 2001) Vol. 1546, No. 2, pp. 356-364. Publisher: ELSEVIER SCIENCE BV, PO BOX 211, 1000 AE AMSTERDAM, NETHERLANDS. ISSN: 0167-4838 DT Article; Journal LA English Reference Count: 39 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 190 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 2000:414846 SCISEARCH AN The Genuine Article (R) Number: 317UM GΑ Conformational transitions and fibrillation mechanism of human calcitonin TI as studied by high-resolution solid-state C-13 NMR Kamihira M; Naito A; Tuzi S; Nosaka A Y; Saito H (Reprint)

ΑU

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HIMEJI INST TECHNOL, DEPT LIFE SCI, 3-2-1 KOUTO, KAMIGORI, HYOGO 6781297,
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     JAPAN (Reprint); HIMEJI INST TECHNOL, DEPT LIFE SCI, KAMIGORI, HYOGO
     6781297, JAPAN; CIBA GEIGY JAPAN LTD, INT RES LABS, TAKARAZUKA, HYOGO 665,
CYA
     JAPAN
     PROTEIN SCIENCE, (MAY 2000) Vol. 9, No. 5, pp. 867-877.
S0
     Publisher: CAMBRIDGE UNIV PRESS, 40 WEST 20TH STREET, NEW YORK, NY
     10011-4211.
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     Article; Journal
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L3
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AN
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GΑ
                                          ***amyloid***
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     Modified-peptide inhibitors of
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      Findeis M A (Reprint); Musso G M; AricoMuendel C C; Benjamin H W; Hundal A
ΑU
      M; Lee J J; Chin J; Kelley M; Wakefield J; Hayward N J; Molineaux S M
      PRAECIS PHARMACEUT INC, 1 HAMPSHIRE ST, CAMBRIDGE, MA 02139 (Reprint)
CS
CYA
      BIOCHEMISTRY, (25 MAY 1999) Vol. 38, No. 21, pp. 6791-6800.
SO.
      Publisher: AMER CHEMICAL SOC, 1155 16TH ST, NW, WASHINGTON, DC 20036.
      ISSN: 0006-2960
DT
      Article; Journal
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GA
      Contribution of advanced glycosylation to the amyloidogenicity of islet ***amyloid*** polypeptide
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      Kapurniotu A; Bernhagen J; Greenfield N; AlAbed Y; Teichberg S; Frank R W;
ΑU
      Voelter W; Bucala R (Reprint)
      PICOWER INST MED RES, 350 COMMUNITY DR, MANHASSET, NY 11030 (Reprint);
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      PICOWER INST MED RES, MANHASSET, NY 11030; UNIV TUBINGEN, INST PHYSIOL CHEM, PHYS BIOCHEM ABT, D-72074 TUBINGEN, GERMANY; UNIV STUTTGART,
      ARBEITSGRP BIOCHEM, LEHRSTUHL GRENZFLACHENVERFAHRENSTECH, D-7000 STUTTGART, GERMANY; UNIV MED & DENT NEW JERSEY, ROBERT WOOD JOHNSON MED
      SCH, DEPT NEUROSCI & CELL BIOL, PISCATAWAY, NJ 08854; N SHORE UNIV HOSP,
      DEPT PEDIAT & LABS, MANHASSET, NY 11030; UNIV HEIDELBERG, ZENTRUM MOL
      BIOL, D-6900 HEIDELBERG, GERMANY
CYA
      USA; GERMANY
      EUROPEAN JOURNAL OF BIOCHEMISTRY, (15 JAN 1998) Vol. 251, No. 1-2, pp.
S0
      208-216.
      Publisher: SPRINGER VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010.
      ISSN: 0014-2956.
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      Phosphatidylnositol and inositol, possible ***amyloid*** ***fibril*** growth.
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      McLaurin J (Reprint); Fraser P E; Franklin T; Chakrabartty A ONTARIO CANC INST, DEPT MED BIOPHYS, TORONTO, ON M4X 1K9, CANADA
 AU
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 CYA
      JOURNAL OF NEUROCHEMISTRY, (1 SEP 1997) Vol. 69, Supp. [S], pp. S46-S46.
 SO
      Publisher: LIPPINCOTT-RAVEN PUBL, 227 EAST WASHINGTON SQ, PHILADELPHIA, PA
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      ISSN: 0022-3042.
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ANSWER 194 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 96:64716 SCISEARCH AN The Genuine Article (R) Number: TN905 GΑ ANTIPARALLEL BETA-SHEET THAT FOLDS AND UNDERGOES ***NUCLEATED*** ΤI SELF-ASSEMBLY - A TEMPLATE PROMOTED FOLDING STRATEGY TOWARD CONTROLLED MOLECULAR ARCHITECTURES CHOO D W; SCHNEIDER J P; GRACIANI N R; KELLY J W (Reprint) ΑU TEXAS A&M UNIV, DEPT CHEM, COLLEGE STN, TX, 77843 (Reprint); TEXAS A&M CS UNIV, DEPT CHEM, COLLEGE STN, TX, 77843 CYA MACROMOLECULES, (01 JAN 1996) Vol. 29, No. 1, pp. 355-366. SO ISSN: 0024-9297 Article; Journal DT FS **PHYS ENGLISH** LA Reference Count: 82 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 195 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 95:166981 SCISEARCH ΑN The Genuine Article (R) Number: QJ331 GΑ THE CHEMISTRY OF SCRAPIE INFECTION - IMPLICATIONS OF THE ICE-9 METAPHOR TI LANSBURY P T (Reprint) ΑIJ MIT, DEPT CHEM, CAMBRIDGE, MA, 02139 (Reprint); NIAID, ROCKY MT LABS, CS PERSISTENT VIRAL DIS LAB, HAMILTON, MT, 59840 CYA CHEMISTRY & BIOLOGY, (JAN 1995) Vol. 2, No. 1, pp. 1-5. S0 ISSN: 1074-5521. Article; Journal DT FS LIFE **ENGLISH** LA Reference Count: 44 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS.* ANSWER 196 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN L3 93:179504 SCISEARCH ΑN The Genuine Article (R) Number: KT368 GΑ THE STRUCTURE AND MECHANISM OF FORMATION OF HUMAN CALCITONIN TI ***FIBRILS*** ARVINTE T (Reprint); CUDD A; DRAKE A F ΑU CIBA GEIGY PHARMACEUT CORP, WIMBLEHURST RD, HORSHAM RH12 4AB, ENGLAND CS (Reprint); UNIV LONDON, BIRBECK COLL, LONDON WC1H OAJ, ENGLAND CYA **ENGLAND** JOURNAL OF BIOLOGICAL CHEMISTRY, (25 MAR 1993) Vol. 268, No. 9, pp. S0 6415-6422. ISSN: 0021-9258. Article; Journal DT FS LIFE **ENGLISH** LA Reference Count: 55 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 197 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN L3 92:675502 SCISEARCH ΑN The Genuine Article (R) Number: JY319 GΑ CHARACTERIZATION OF HIGH-AFFINITY BINDING BETWEEN LAMININ AND ΤI ***AMYLOID*** PRECURSOR PROTEINS ALZHEIMERS-DISEASE NARINDRASORASAK S; LOWERY D E; ALTMAN R A; GONZALEZDEWHITT P A; GREENBERG ΑU B D; KISILEVSKY R (Reprint) QUEENS UNIV, KINGSTON GEN HOSP, SYL & MOLLY APPS RES CTR, DEPT PATHOL, KINGSTON K7L 3N6, ONTARIO, CANADA; UPJOHN CO, UPJOHN LABS, KALAMAZOO, MI, 49001 CYA CANADA; USA LABORATORY INVESTIGATION, (NOV 1992) Vol. 67, No. 5, pp. 643-652. S0 ISSN: 0023-6837. DT Article; Journal FS LIFE LA **ENGLISH** Reference Count: 93 REC *ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS* ANSWER 198 OF 297 SCISEARCH COPYRIGHT 2004 THOMSON ISI ON STN L3 AN 91:409593 SCISEARCH GΑ The Genuine Article (R) Number: FX132 HIGH-AFFINITY INTERACTIONS BETWEEN THE ALZHEIMERS BETA- ***AMYLOID*** ΤI

PRECURSOR PROTEINS AND THE BASEMENT-MEMBRANE FORM OF HEPARAN-SULFATE

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PROTEOGLYCAN
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      JOURNAL OF BIOLOGICAL CHEMISTRY, (1991) Vol. 266, No. 20, pp. 12878-12883.
S0
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         Extracellular matrix and cell adhesion molecules
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        Tang, Y Tom, San Jose, CA, UNITED STATES
Yue, Henry, Sunnyvale, CA, UNITED STATES
Azimzai, Yalda, Oakland, CA, UNITED STATES
IN
         He, Ann, San Jose, CA, UNITED STATES
         Lo, Terence P, Foster City, CA, UNITED STATES
         Nguyen, Daniel B, San Jose, CA, UNITED STATES
         Burrill, John D, Redwood City, CA, UNITED STATES
Marcus, Gregory A, San Carlos, CA, UNITED STATES
         Zingler, Kurt A, San Francisco, CA, UNITED STATES
Gandhi, Ameena R, San Francisco, CA, UNITED STATES
         Kearney, Liam, San Francisco, CA, UNITED STATES
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         Yao, Monique G, Carmel, IN, UNITED STATES
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         Warren, Bridget A, Encinitas, CA, UNITED STATES
Gietzen, Kimberly J, San Jose, CA, UNITED STATES
Xu, Yuming, Mountain View, CA, UNITED STATES
Kallick, Deborah A, Portola Valley, CA, UNITED STATES
         Lee, Ernestine A, Castro Valley, CA, UNITED STATES
Thangavelu, Kavitha, Sunnyvale, CA, UNITED STATES
         Delegeane, Angelo M, Milpitas, CA, UNITED STATES
         Lee, Sally, San Jose, CA, UNITED STATES
         Batra, Sajeev, Oakland, CA, UNITED STATES
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 AN
          Fusion proteins comprising DP-178 and other viral fusion inhibitor
 TI
          peptides useful for treating aids
          Bolognesi, Dani Paul, Durham, NC, UNITED STATES
 IN
          Matthews, Thomas James, Durham, NC, UNITED STATES
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wild, carl T., Durham, NC, UNITED STATES
        Barney, Shawn O?apos, Lin, Cary, NC, UNITED STATES
        Lambert, Dennis Michael, Cary, NC, UNITED STATES
        Petteway, Stephen Robert, Cary, NC, UNITED STATES
         Langlois, Alphonse J., Durham, NC, UNITED STATES
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         Shah, Purvi, San Jose, CA, UNITED STATES
         Chalup, Michael S., Sunnyvale, CA, UNITED STATES Chang, Simon C, Mountain View, CA, UNITED STATES Chen, Alice J., San Jose, CA, UNITED STATES
         D'Sa, Steven A., East Palo, CA, UNITED STATES
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         Jones, Anissa L., San Jose, CA, UNITED STATES
Liu, Tommy F., Daly City, CA, UNITED STATES
         Lincoln, Ann M. Roseberry, Redwood City, CA, UNITED STATES
         Rosen, Bruce H., Menlo Park, CA, UNITED STATES
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         Stockdreher, Theresa K., Sunnyvale, CA, UNITED STATES
         Daffo, Abel, San Jose, CA, UNITED STATES
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         Bratcher, Shawn R., Mountain View, CA, UNITED STATES
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         Cohen, Howard J., Palo Alto, CA, UNITED STATES
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        Gerlach, Valerie L., Branford, CT, UNITED STATES MacDougall, John R., Hamden, CT, UNITED STATES
        Smithson, Glennda, Guilford, CT, UNITED STATES
        Millet, Isabelle, Milford, CT, UNITED STATES
        Stone, David, Guilford, CT, UNITED STATES
        Gunther, Erik, Branford, CT, UNITED STATES
        Ellerman, Karen, Branford, CT, UNITED STATES
        Grosse, William M., Branford, CT, UNITED STATES
        Alsobrook, John P., II, Madison, CT, UNITED STATES
Lepley, Denise M., Branford, CT, UNITED STATES
Burgess, Catherine E., Wethersfield, CT, UNITED STATES
Padigaru, Muralidhara, Branford, CT, UNITED STATES
         Kekuda, Ramesh, Norwalk, CT, UNITED STATES
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         Shimkets, Richard A., West Haven, CT, UNITED STATES Li, Li, Branford, CT, UNITED STATES Gangolli, Esha A., Madison, CT, UNITED STATES Padigaru, Muralidhara, Branford, CT, UNITED STATES
         Anderson, David W., Branford, CT, UNITED STATES
         Rastelli, Luca, Guilford, CT, UNITED STATES
         Miller, Charles E., Hill Drive, CT, UNITED STATES
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         Taupier, Raymond J., JR., East Haven, CT, UNITED STATES
         Gusev, Vladimir Y., UNITED STATES
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                536/023.200; 435/183.000; 424/155.100
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        ICS: G01N033-574; C07H021-04; A61K039-395; C12N009-00; C12P021-02;
        C12N005-06; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 204 OF 297 USPATFULL ON STN
AN
        2004:44245 USPATFULL
        Nucleic acids encoding DP-178 and other viral fusion inhibitor peptides
TI
        useful for treating aids
        Bolognesi, Dani Paul, Durham, NC, UNITED STATES
IN
```

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Matthews, Thomas James, Durham, NC, UNITED STATES
       Wild, Carl T., Durham, NC, UNITED STATES
       Duke University (U.S. corporation)
PA
       us 2004033235
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PΙ
                                   20030106 (10)
        us 2003-267682
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ΑI
        Continuation of Ser. No. US 1995-484223, filed on 7 Jun 1995, PENDING Division of Ser. No. US 1995-470896, filed on 6 Jun 1995, GRANTED, Pat.
RLI
        No. US 6479055 Continuation-in-part of Ser. No. US 1994-360107, filed on
        20 Dec 1994, GRANTED, Pat. No. US 6017536 Continuation-in-part of Ser.
        No. US 1994-255208, filed on 7 Jun 1994, GRANTED, Pat. No. US 6440656
        Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993,
        GRANTED, Pat. No. US 5464933
DT
        Utility
        APPLICATION
FS
LN.CNT 59510
        INCLM: 424/186.100
INCL
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                424/188.100; 530/350.000; 424/208.100; 424/187.100
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        ICS: A61K039-12; C07K014-16; C07K014-10; C07K014-05; C07K014-11
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 205 OF 297 USPATFULL ON STN
L3
        2004:38677 USPATFULL
AN
        Proteins, polynucleotides encoding them and methods of using the same
TI
        Padigaru, Muralidhara, Branford, CT, UNITED STATES
IN
        Li, Li, Branford, CT, UNITED STATES
        Zerhusen, Bryan D., Branford, CT, UNITED STATES
        Casman, Stacie J., North Haven, CT, UNITED STATES
        Shenoy, Suresh G., Branford, CT, UNITED STATES
        Spytek, Kimberly, New Haven, CT, UNITED STATES
        Zhong, Mei, Branford, CT, UNITED STATES
        Gangolli, Esha A., Madison, CT, UNITED STATES
Burgess, Catherine E., Wethersfield, CT, UNITED STATES
        Patturajan, Meera, Branford, CT, UNITED STATES
        Vernet, Corine A.M., Branford, CT, UNITED STATES Taylor, Sarah, Guilford, CT, UNITED STATES
        Tchernev, Velizar T., Branford, CT, UNITED STATES
        Miller, Charles E., Guilford, CT, UNITED STATES
        Guo, Xiaojia, Branford, CT, UNITED STATES
        Boldog, Ferenc L., North Haven, CT, UNITED STATES
        Grosse, William M., Branford, CT, UNITED STATES
        Alsobrook, John P., II, Madison, CT, UNITED STATES
        Gerlach, Valerie L., Branford, CT, UNITED STATES
Edinger, Shlomit R., New Haven, CT, UNITED STATES
        Rothenberg, Mark E., Clinton, CT, UNITED STATES Ellerman, Karen, Branford, CT, UNITED STATES
        MacDougall, John, Hamden, CT, UNITED STATES
        Malyankar, Uriel M., Branford, CT, UNITED STATES
        Millet, Isabelle, Milford, CT, UNITED STATES
        Peyman, John, New Haven, CT, UNITED STATES
        Smithson, Glennda, Branford, CT, UNITED STATES
        Gunther, Erik, Branford, CT, UNITED STATES
Stone, David, Guilford, CT, UNITED STATES
US 2004029216 A1 20040212
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        us 2002-42865
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 DT
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 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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ANSWER 206 OF 297 USPATFULL ON STN

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2004:30644 USPATFULL
AN
         Proteins and nucleic acids encoding same
TI
         Spytek, Kimberly A., New Haven, CT, UNITED STATES
IN
         Li, Li, Branford, CT, UNITED STATES
         Wolenc, Adam R., New Haven, CT, UNITED STATES
Vernet, Corine, North Branford, CT, UNITED STATES
Eisen, Andrew J., Rockville, MD, UNITED STATES
         Liu, Xiaohong, Lexington, MA, UNITED STATES
         Malyankar, Uriel M., Branford, CT, UNITED STATES
         Shimkets, Richard A., Guilford, CT, UNITED STATES
         Tchernev, Velizar, Branford, CT, UNITED STATES
         Spaderna, Steven K., Berlin, CT, UNITED STATES
         Gorman, Linda, Branford, CT, UNITED STATES
         Kekuda, Ramesh, Norwalk, CT, UNITED STATES
Patturajan, Meera, Branford, CT, UNITED STATES
Gusev, Vladimir Y., Madison, CT, UNITED STATES
Gangolli, Esha A., Madison, CT, UNITED STATES
Guo, Xiaojia (Sasha), Branford, CT, UNITED STATES
         Shenoy, Suresh G., Branford, CT, UNITED STATES Rastelli, Luca, Guilford, CT, UNITED STATES
         Casman, Stacie J., North Haven, CT, UNITED STATES
         Boldog, Ferenc L., North Haven, CT, UNITED STATES
Burgess, Catherine E., Wethersfield, CT, UNITED STATES
         Edinger, Shlomit R., New Haven, CT, UNITED STATES
         Ellerman, Karen, Branford, CT, UNITED STATES
         Gunther, Erik, Branford, CT, UNITED STATES
Smithson, Glennda, Guilford, CT, UNITED STATES
Millet, Isabelle, Milford, CT, UNITED STATES
MacDougall John R. Harden CT (WITTER STATES)
         MacDougall, John R., Hamden, CT, UNITED STATES
         us 2004022781
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         us 2001-38854
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          ICM: C12Q001-68
          ICS: G01N033-53; G01N033-567; C07H021-04; A61K039-395; C12P021-02;
          C12N005-06; C07K014-47; C07K016-22
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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 AN
          2004:18892 USPATFULL
          Beta-secretase crystals and methods for preparing and using the same
 TI
          Beyer, Brian M., Lincroft, NJ, UNITED STATES
Hammond, Gerald S., Newark, NJ, UNITED STATES
 ΙN
          Reichert, Paul, Montville, NJ, UNITED STATES
          Strickland, Corey, Martinsville, NJ, UNITED STATES
          Wang, Wenyan, Edison, NJ, UNITED STATES
          Weber, Patricia C., Yardley, PA, UNITED STATES
          Wong, Gwendolyn Tse, Westfield, NJ, UNITED STATES
          Zhang, Lili, Scotch Plains, NJ, UNITED STATES
 PA
          Schering Corporation (U.S. corporation)
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          us 2004014194
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 208 OF 297 USPATFULL ON STN
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        2004:18785 USPATFULL
AN
        Molecules for diagnostics and therapeutics
TI
        Hodgson, David M., Ann Arbor, MI, UNITED STATES Lincoln, Stephen E., Potomac, MD, UNITED STATES
ΙN
        Russo, Frank D., Sunnyvale, CA, UNITED STATES
        Albany, Peter A., Berkeley, CA, UNITED STATES
Banville, Steve C., Sunnyvale, CA, UNITED STATES
        Bratcher, Shawn R., Mountain_View, CA, UNITED STATES
        Dufour, Gerard E., Castro Valley, CA, UNITED STATES
        Cohen, Howard J., Palo Alto, CA, UNITED STATES
        Rosen, Bruce H., Menlo Park, CA, UNITED STATES
        Chalup, Michael S., Livingston, TX, UNITED STATES
        Jackson, Jennifer L., Santa Cruz, CA, UNITED STATES
        Jones, Anissa L., San Jose, CA, UNITED STATES
Yu, Jimmy Y., Fremont, CA, UNITED STATES
Greenawalt, Lila B., San Jose, CA, UNITED STATES
        Panzer, Scott R., Sunnyvale, CA, UNITED STATES
        Roseberry Lincoln, Ann M., Potomac, MD, UNITED STATES
        Wright, Rachel J., Merivale, NEW ZEALAND
        Daniels, Susan E., Mountain View, CA, UNITED STATES
        Incyte Corporation, Palo Alto, CA, UNITED STATES (U.S. corporation)
PA
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                                    20040122
        us 2004014087
PΙ
                                    20030228 (10)
        us 2003-378029
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        Continuation-in-part of Ser. No. US 2001-980285, filed on 30 Nov 2001, PENDING A 371 of International Ser. No. WO 2000-US15404, filed on 31 May
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                 530/388.260; 536/023.200; 800/008.000
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         ICM: C12Q001-68
         ICS: G01N033-53; A01K067-00; C07H021-04; C12N009-00; C12P021-02;
         C12N005-06
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ΑN

2004:7074 USPATFULL

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ANSWER 209 OF 297 USPATFULL ON STN
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        2004:13596 USPATFULL
ΑN
        Novel proteins and nucleic acids encoding same
ΤI
        Guo, Xiaojia, Branford, CT, UNITED STATES
IN
        Fernandes, Elma, Branford, CT, UNITED STATES Li, Li, Branford, CT, UNITED STATES
        Kekuda, Ramesh, Stamford, CT, UNITED STATES
        Liu, Yi, New Haven, CT, UNITED STATES
        Leite, Mario, Milford, CT, UNITED STATES
        Spytek, Kimberly A., New Haven, CT, UNITED STATES
        Ji, Weizhen, Branford, CT, UNITED STATES
        Casman, Stacie J., North Haven, CT, UNITED STATES
        Boldog, Ference L., North Haven, CT, UNITED STATES Patturajan, Meera, Branford, CT, UNITED STATES Vernet, Corine A. M., Branford, CT, UNITED STATES Ballinger, Robert A., Newington, CT, UNITED STATES Malyankar, Uriel M., Branford, CT, UNITED STATES
        Tchernev, Velizar T., Branford, CT, UNITED STATES
        Blalock, Angela D., Branford, CT, UNITED STATES
        Gusev, Vladimir Y., Madison, CT, UNITED STATES
        Rastelli, Luca, Guilford, CT, UNITED STATES
        Mezes, Peter D., Old Lyme, CT, UNITED STATES
        Ellerman, Karen, Branford, CT, UNITED STATES
        Heyes, Melvyn, New Haven, CT, UNITED STATES
        Herrmann, John L., Guilford, CT, UNITED STATES Shimkets, Richard A., Guilford, CT, UNITED STATES
         Ioime, Noelle, Hamden, CT, UNITED STATES
         Pena, Carol E. A., New Haven, CT, UNITED STATES
         Shenoy, Suresh G., Branford, CT, UNITED STATES
         Taupier, Raymond J., JR., East Haven, CT, UNITED STATES
        Gerlach, Valerie, Branford, CT, UNITED STATES
Gorman, Linda, East Haven, CT, UNITED STATES
US 2004010119 A1 20040115
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                  514/012.000; 435/006.000; 435/069.100; 435/320.100; 435/325.000;
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                  536/023.200
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         ICM: C12Q001-68
         ICS: C07H021-04; A61K038-17; C07K014-435; C07K014-47; C12P021-02;
         C12N005-06
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
       ANSWER 210 OF 297 USPATFULL ON STN
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```
***amyloid***
       Modulators of
                                            aggregation
ΤI
       Findeis, Mark A., Cambridge, MA, UNITED STATES
Benjamin, Howard, Lexington, MA, UNITED STATES
Garnick, Marc B., Brookline, MA, UNITED STATES
IN
       Gefter, Malcolm L., Lincoln, MA, UNITED STATES
Hundal, Arvind, Brighton, MA, UNITED STATES
        Kasman, Laura, Athens, GA, UNITED STATES
        Musso, Gary, Hopkinton, MA, UNITED STATES
        Signer, Ethan R., Cambridge, MA, UNITED STATES
        Wakefield, James, Brookline, MA, UNITED STATES
        Reed, Michael J., Marietta, GA, UNITED STATES
        Praecis Pharmaceuticals, Inc., Waltham, MA (U.S. corporation) US 2004005307 A1 20040108
PA
        us 2004005307
PΙ
        us 2003-463729
                             Α1
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ΑI
        Continuation of Ser. No. US 2001-972475, filed on 4 Oct 2001, PENDING
RLI
        Continuation of Ser. No. US 1996-617267, filed on 14 Mar 1996, GRANTED,
        Pat. No. US 6319498 Continuation-in-part of Ser. No. US 1995-404831,
        filed on 14 Mar 1995, GRANTED, Pat. No. US 5817626 Continuation-in-part
        of Ser. No. US 1995-475579, filed on 7 Jun 1995, GRANTED, Pat. No. US
        5854215 Continuation-in-part of Ser. No. US 1995-548998, filed on 27 Oct
        1995, ABANDONED
DT
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        APPLICATION
FS
LN.CNT 4197
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        INCLS: 514/012.000
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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 211 OF 297 USPATFULL ON STN
L3
        2003:337233 USPATFULL
ΑN
        Mutant genes in Familial British Dementia and Familial Danish Dementia
ΤI
        Ghiso, Jorge, Elmhurst, NY, United States
ΙN
        Vidal, Ruben, Great Neck, NY, United States
        Frangione, Blas, New York, NY, United States
        New York University, New York, NY, United States (U.S. corporation)
PA
        us 6670195
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PΙ
        US 2000-579012
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ΑI
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                530/387.100; 530/387.900; 530/388.100
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IC
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        ICS: C12P021-08; G01N033-563
EXF
        530/387.1; 530/388.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 212 OF 297 USPATFULL on STN
L3
        2003:324327 USPATFULL
ΑN
        Novel human proteins, polynucleotides encoding them and methods of using
TI
        Li, Li, Branford, CT, UNITED STATES
IN
        Furtak, Katarzyna, Ansonia, CT, UNITED STATES
        Perna, Amanda, Hamden, CT, UNITED STATES
Patturajan, Meera, Branford, CT, UNITED STATES
Shimkets, Richard A., Guilford, CT, UNITED STATES
        Guo, Xiaojia Sasha, Branford, CT, UNITED STATES
        Casman, Stacie J., North Haven, CT, UNITED STATES
        Burgess, Catherine E., Wethersfield, CT, UNITED STATES
        Malyankar, Uriel M., Branford, CT, UNITED STATES
        Tchernev, Velizar T., Branford, CT, UNITED STATES
        Vernet, Corine A., Branford, CT, UNITED STATES
        Spytek, Kimberly A., New Haven, CT, UNITED STATES Agee, Michele, Wallingford, CT, UNITED STATES
        Rastelli, Luca, Guilford, CT, UNITED STATES
        Shenoy, Suresh G., Branford, CT, UNITED STATES
         Grosse, William M., Branford, CT, UNITED STATES
```

```
Alsobrook, John P., II, Madison, CT, UNITED STATES
       Lepley, Denise M., Branford, CT, UNITED STATES
       Gerlach, Valerie, Branford, CT, UNITED STATES
Edinger, Schlomit R., New Haven, CT, UNITED STATES
MacDougall, John R., Hamden, CT, UNITED STATES
       Peyman, John A., New Haven, CT, UNITED STATES
       Gunther, Erik, Branford, CT, UNITED STATES
       Stone, David J., Guilford, CT, UNITED STATES
       Ellerman, Karen, Branford, CT, UNITED STATES
       Gangolli, Esha A., Madison, CT, UNITED STATES
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DT
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        APPLICATION
FS
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LN.CNT
INCL
        INCLM: 424/130.100
        INCLS: 435/006.000; 435/183.000; 435/069.100; 435/320.100; 435/325.000;
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               424/130.100
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               435/006.000; 435/183.000; 435/069.100; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.200
        NCLS:
IC
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        ICM: C12Q001-68
        ICS: C07H021-04; A61K039-395; C12P021-02; C12N005-06; C07K014-47;
        C07K016-40
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 213 OF 297 USPATFULL ON STN
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        2003:319406 USPATFULL
ΑN
        Pharmacological agents and methods of treatment that inactivate
TI
        pathogenic prokaryotic and eukaryotic cells and viruses by attacking
        highly conserved domains in structural metalloprotein and metalloenzyme
        Fernandez-Pol, Jose A., Chesterfield, MO, UNITED STATES
ΙN
        Fernandez-Pol, Sebastian, Chesterfield, MO, UNITED STATES
        US 2003225155
PΙ
                            Α1
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        us 2002-161981
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LN.CNT 4983
        INCLM: 514/448.000
INCL
NCL
        NCLM:
               514/448.000
IC
        [7]
        ICM: A61K031-381
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 214 OF 297 USPATFULL on STN
ΑN
        2003:312278 USPATFULL
        Albumin fusion proteins
TT
        Rosen, Craig A., Laytonsville, MD, UNITED STATES
IN
        Haseltine, William A., Washington, DC, UNITED STATES
PΙ
        US 2003219875
                             A1
                                  20031127
           2001-833118
                             Α1
                                  20010412 (9)
ΑI
        US
        US 2000-256931P
                              20001221 (60)
PRAI
                              20000425 (60)
        US 2000-199384P
        US 2000-229358P
                              20000412 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 15415
        INCLM: 435/069.700
INCL
        INCLS: 435/325.000; 435/320.100; 530/362.000; 514/012.000; 536/023.500
                435/069.700
NCL
        NCLM:
                435/325.000; 435/320.100; 530/362.000; 514/012.000; 536/023.500
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```
ICM: A61K038-38
       ICS: C07H021-04; C12P021-04; C07K014-76
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 215 OF 297 USPATFULL on STN
L3
       2003:300319 USPATFULL
AN
       Assays and methods of diagnosis and treatment based on use of sodium
ΤI
                                   ***amyloid***
                                                    beta or its aggregates
       channels as targets for
       Lee, Kai S., Portage, MI, UNITED STATES
IN
       Sun, Xiao-Dong, Portage, MI, UNITED STATES
Taylor, Bruce M., Kalamazoo, MI, UNITED STATES
       Epps, Dennis E., Portage, MI, UNITED STATES Buhl, Allen E., Portage, MI, UNITED STATES
                                 20031113
       us 2003211542
                            Α1
PΙ
       us 2003-437668
                            Α1
                                 20030514 (10)
ΑI
       Division of Ser. No. US 2000-742633, filed on 21 Dec 2000, GRANTED, Pat.
RLI
       No. US 6589747
PRAI
       US 1999-172032P
                             19991223 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT
       1748
        INCLM: 435/007.100
INCL
       INCLS: 514/001.000
NCL
       NCLM:
               435/007.100
               514/001.000
       NCLS:
IC
        [7]
       ICM: A61K031-00
       ICS: G01N033-53
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 216 OF 297 USPATFULL ON STN
        2003:289291 USPATFULL
ΑN
                                        Abeta peptides and uses thereof
                       ***amyloid***
ΤI
        Fluorescent
        Glabe, Charles, Irvine, CA, UNITED STATES
IN
        Rodriguez, William Garzon, Irvine, CA, UNITED STATES
                                 20031030
        us 2003204051
                            Α1
        us 2003-455218
                            Α1
                                 20030605 (10)
ΑI
        Division of Ser. No. US 1998-133866, filed on 13 Aug 1998, GRANTED, Pat.
RLI
        No. US 6600017
        US 1997-55660P
                             19970814 (60)
PRAI
DT
        Utility
FS
        APPLICATION
LN.CNT 957
        INCLM: 530/345.000
INCL
        INCLS: 435/007.200
NCL
        NCLM:
               530/345.000
        NCLS:
               435/007.200
IC
        [7]
        ICM: G01N033-53
        ics: G01N033-567; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 217 OF 297 USPATFULL ON STN
L3
        2003:282611 USPATFULL
ΑN
TI
        Human cDNAs and proteins and uses thereof
IN
        Bejanin, Stephane, Paris, FRANCE
        Tanaka, Hiroaki, Antony, FRANCE
        GENSET, S.A., Paris, FRANCE (non-U.S. corporation)
PA
        us 2003198954
                                  20031023
PΙ
                           Α1
                                  20011114 (10)
ΑI
        us 2001-1142
                            Α1
        Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
RLI
                             20010806
PRAI
        WO 2001-IB1715
                              20010713 (60)
        US 2001-305456P
        US 2001-302277P
                              20010629 (60)
                              20010615 (60)
        US 2001-298698P
        US 2001-293574P
                              20010525 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 25681
INCL
        INCLM: 435/006.000
        INCLS: 536/023.200
        NCLM:
NCL
               435/006.000
               536/023.200
        NCLS:
IC
        [7]
        ICM: C12Q001-68
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ICS: C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 218 OF 297 USPATFULL ON STN
        2003:271112
                     USPATFULL
ΑN
       Novel proteins and nucleic acids encoding same
TI
        Grosse, William M., Branford, CT, UNITED STATES
IN
        Alsobrook, John P., II, Madison, CT, UNITED STATES
        Lepley, Denise M., Branford, CT, UNITED STATES
        Burgess, Catherine E., Wethersfield, CT, UNITED STATES
       Mishra, Vishnu, Gainesville, FL, UNITED STATES
       Kekuda, Ramesh, Stamford, CT, UNITED STATES
Li, Li, Branford, CT, UNITED STATES
        Padigaru, Muralidhara, Branford, CT, UNITED STATES
        Shimkets, Richard A., West Haven, CT, UNITED STATES
        Zerhusen, Bryan D., Branford, CT, UNITED STATES
        Spytek, Kimberly A., New Haven, CT, UNITED STATES
        Edinger, Shlomit R., New Haven, CT, UNITED STATES
        Gerlach, Valerie, Branford, CT, UNITED STATES
       MacDougall, John R., Hamden, CT, UNITED STATES Millet, Isabelle, Milford, CT, UNITED STATES
        Stone, David J., Guilford, CT, UNITED STATES
        Gunther, Erik, Branford, CT, UNITED STATES
Ellerman, Karen, Branford, CT, UNITED STATES
                                   20031009
PΙ
        us 2003190715
                             Α1
           2001-976782
                             Α1
                                   20011012 (9)
ΑI
        US
        US 2000-240113P
                              20001012 (60)
PRAI
                              20001016 (60)
        US 2000-240662P
        US 2000-240732P
                               20001016
                                         (60)
                               20001016
        US 2000-240625P
                                         (60)
                                         (60)
                               20001016
        US 2000-240648P
                               20001016
        US 2000-240703P
                                         (60)
                                         (60)
        US 2000-241190P
                               20001016
                               20001016
                                         (60)
        US 2000-240637P
                               20001016 (60)
        US 2000-240669P
        US 2001-262455P
                               20010118 (60)
        Utility
DT
FS
        APPLICATION
LN.CNT 9839
        INCLM: 435/183.000
INCL
        INCLS: 435/069.100; 435/325.000; 435/320.100; 530/350.000; 536/023.200
NCL
               435/183.000
                435/069.100; 435/325.000; 435/320.100; 530/350.000; 536/023.200
        NCLS:
IC
        [7]
        ICM: C12N009-00
        ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 219 OF 297 USPATFULL ON STN
        2003:266362 USPATFULL
ΑN
        Removal of metabolic components from blood
TI
        Botto, Steven Anthony, Rydalmere, AUSTRALIA
IN
        Roeth, Philip John, Castle Hill, AUSTRALIA
        Faramus, Ellie Louise, Newport, AUSTRALIA
Nair, Chenicheri Hariharan, Old Greenwich, CT, UNITED STATES
Gradipore Limited, Frenchs Forest NSW, AUSTRALIA (non-U.S. corporation)
PA
                                   20031002
PΙ
        US 2003187380
                              Α1
        US 2002-234423
                             Α1
                                   20020904 (10)
ΑI
        Continuation-in-part of Ser. No. US 1999-470822, filed on 23 Dec 1999,
RLI
        PENDING
PRAI
        AU 2001-7485
                               20010904
        AU 1998-7908
                               19981223
DT
        Utility
FS
        APPLICATION
LN.CNT
        2194
        INCLM: 604/006.080
INCL
NCL
        NCLM:
               604/006.080
        [7]
IC
        ICM: A61M037-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 220 OF 297 USPATFULL ON STN
        2003:264865 USPATFULL
ΑN
        Therapy for human cancers using cisplatin and other drugs or genes
TI
        encapsulated into liposomes
```

Boulikas, Teni, Palo Alto, CA, UNITED STATES

ΙN

```
L click: 482,3790879
                           Α1
                                20031002
       us 2003-350470
                           Α1
                                20030123 (10)
AΙ
       Division of Ser. No. US 1999-434345, filed on 5 Nov 1999, GRANTED, Pat.
RLI
       No. US 6511676
       Utility
DT
FS
       APPLICATION
LN.CNT
       1652
       INCLM: 424/450.000
INCL
       INCLS: 424/649.000
       NCLM:
              424/450.000
NCL
              424/649.000
       NCLS:
IC
       [7]
       ICM: A61K009-127
       ICS: A61K033-24
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 221 OF 297 USPATFULL on STN
       2003:250925 USPATFULL
ΑN
TI
       Molecular antigen array
IN
       Renner, Wolfgang A., Zurich, SWITZERLAND
       Bachmann, Martin, Winterthur, SWITZERLAND
       Tissot, Alain, Zurich, SWITZERLAND
       Maurer, Patrick, Winterthur, SWITZERLAND
       Lechner, Franziska, Zurich, SWITZERLAND
       Sebbel, Peter, Zurich, SWITZERLAND
       Piossek, Christine, Winterthur, SWITZERLAND
       Ortmann, Rainer, Saint Louis, SWITZERLAND
       Luond, Rainer, Therwil, SWITZERLAND
       Staufenbiel, Matthias, Lorrach, GERMANY, FEDERAL REPUBLIC OF
       Frey, Peter, Bern, SWITZERLAND
       Cytos Biotechnology AG (non-U.S. corporation)
PΑ
PI
       us 2003175711
                           Α1
                                 20030918
       us 2002-50898
                                 20020118 (10)
ΑI
                           Α1
                            20011107 (60)
PRAI
       US
          2001-331045P
                             20011005 (60)
          2001-326998P
       US
       US 2001-288549P
                             20010504 (60)
       US 2001-262379P
                             20010119 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 14673
       INCLM: 435/006.000
INCL
       INCLS: 424/201.100; 435/005.000; 435/007.320
NCL
       NCLM:
               435/006.000
               424/201.100; 435/005.000; 435/007.320
       NCLS:
IC
        [7]
        ICM: C12Q001-70
        ICS: G01N033-554; G01N033-569; A61K039-295; C12Q001-68
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 222 OF 297 USPATFULL on STN
L3
        2003:250504 USPATFULL
ΑN
TI
       Molecular antigen array
       Renner, Wolfgang A., Zurich, SWITZERLAND
IN
       Bachmann, Martin, Winterthur, SWITZERLAND
       Tissot, Alain, Zurich, SWITZERLAND
Maurer, Patrick, Winterthur, SWITZERLAND
        Lechner, Franziska, Zurich, SWITZERLAND
        Sebbel, Peter, Zurich, SWITZERLAND
        Piossek, Christine, Winterthur, SWITZERLAND
PA
        Cytos Biotechnology AG (non-U.S. corporation)
                                 20030918
PT
        us 2003175290
                           Α1
       US 2002-50902
                                 20020118 (10)
                            Α1
ΑI
                             20011107 (60)
20011005 (60)
        US 2001-331045P
PRAI
        US 2001-326998P
                                      (60)
        US 2001-288549P
                             20010504
        US 2001-262379P
                             20010119 (60)
       Utility
DT
        APPLICATION
FS
LN.CNT
       15306
INCL
        INCLM: 424/186.100
        INCLS: 435/005.000; 435/007.900; 435/287.200; 435/006.000
NCL
               424/186.100
        NCLM:
               435/005.000; 435/007.900; 435/287.200; 435/006.000
        NCLS:
IC
        ICM: A61K039-12
        ICS: C12Q001-70; G01N033-53; G01N033-542; C12M001-34; C12Q001-68;
```

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 223 OF 297 USPATFULL on STN
L3
       2003:244219 USPATFULL
AN
       Human cDNAs and proteins and uses thereof
TI
       Bejanin, Stephane, Paris, FRANCE
IN
       Tanaka, Hiroaki, Antony, FRANCE
       GENSET, S.A., Paris, FRANCE (non-U.S. corporation)
PA
                          A1 20030911
       us 2003170628
PΙ
       us 2001-999570
                                20011114 (9)
                           Α1
ΑI
       Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
RLI
       wo 2001-IB1715
                            20010806
PRAI
                            20010713
       us 2001-305456P
                                      (60)
       US 2001-302277P
                            20010629 (60)
       us 2001-298698P
                            20010615 (60)
                            20010525 (60)
       US 2001-293574P
       Utility
DT
       APPLICATION
FS
LN.CNT 25549
       INCLM: 435/006.000
INCL
       INCLS: 435/069.100; 435/007.100; 435/320.100; 435/325.000; 530/350.000;
               530/388.100; 536/023.500
               435/006.000
NCL
       NCLM:
               435/069.100; 435/007.100; 435/320.100; 435/325.000; 530/350.000;
       NCLS:
               530/388.100; 536/023.500
       [7]
IC
       ICM: C12Q001-68
       ICS: G01N033-53; C07H021-04; C12P021-02; C12N005-06; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 224 OF 297 USPATFULL ON STN
L3
       2003:232031 USPATFULL
ΑN
       Polyglutamine repeat sequences
TI
       Wetzel, Ronald, Knoxville, TN, UNITED STATES
IN
       Yang, Wen, Knoxville, TN, UNITED STATES
Berthelier, Valerie, Knoxville, TN, UNITED STATES
       Chen, Songming, Knoxville, TN, UNITED STATES
                                 20030828
PΙ
       us 2003162231
                           Α1
                                 20020222 (10)
                           Α1
       us 2002-82673
ΑI
       Utility
DT
       APPLICATION
FS
LN.CNT 1248
       INCLM: 435/007.500
INCL
        INCLS: 530/350.000
               435/007.500
NCL
       NCLM:
              530/350.000
       NCLS:
        [7]
IC
        ICM: G01N033-53
        ICS: C07K014-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 225 OF 297 USPATFULL ON STN
L3
AN
        2003:231986
                    USPATFULL
        Human cDNAs and proteins and uses thereof
TI
        Bejanin, Stephane, Paris, FRANCE
IN
        Tanaka, Hiroaki, Antony, FRANCE
                S.A., Paris, FRANCE (non-U.S. corporation)
PA
        GENSET,
        US 2003162186
                                 20030828
PΙ
                           Α1
ΑI
       us 2002-154678
                            Α1
                                 20020522 (10)
                             20010525 (60)
        US 2001-293574P
PRAI
                             20010615 (60)
        US 2001-298698P
                                      (60)
        US 2001-302277P
                             20010629
                             20010713 (60)
        US 2001-305456P
        Utility
DT
FS
        APPLICATION
LN.CNT 25533
        INCLM: 435/006.000
INCL
        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
NCL
               435/006.000
               435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
        NCLS:
IC
        [7]
        ICM: C12Q001-68
        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

C12M003-00

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ANSWER 226 OF 297 USPATFULL ON STN 2003:228237 USPATFULL
L3
ΑN
       Screening compounds for the ability to alter the production of
TI
         ***amyloid***
                         -.beta. peptide
       Citron, Martin, Thousands Oaks, CA, United States
IN
       Selkoe, Dennis J., Jamaica Plain, MA, United States
       Seubert, Peter A., San Francisco, CA, United States
       Schenk, Dale, Burlingame, CA, United States
       Brigham and Women's Hospital, Boston, MA, United States (U.S.
PA
       corporation)
       Athena Neurosciences, Inc., South San Francisco, CA, United States (U.S.
       corporation)
       us 6610493
                           в1
                                 20030826
PΙ
                                 19960618 (8)
ΑI
       us 1996-665649
       Continuation-in-part of Ser. No. US 1993-79511, filed on 17 Jun 1993,
RLI
       now patented, Pat. No. US 5766846
DT
       Utility
       GRANTED
FS
LN.CNT 2054
       INCLM: 435/007.100
INCL
       INCLS: 435/007.200; 435/007.210; 435/007.230; 435/007.800; 435/007.920
               435/007.100
NCL
       NCLM:
               435/007.200; 435/007.210; 435/007.230; 435/007.800; 435/007.920
       NCLS:
IC
       [7]
       ICM: G01N033-53
       435/7.1; 435/7.2; 435/7.21; 435/7.23; 435/7.8; 435/7.92; 530/387.1
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 227 OF 297 USPATFULL ON STN
       2003:225673 USPATFULL
ΑN
       Human cDNAs and proteins and uses thereof
TI
IN
       Bejanin, Stephane, Paris, FRANCE
       Tanaka, Hiroaki, Antony, FRANCE
GENSET, S.A., Paris, FRANCE (non-U.S. corporation)
US 2003157485 A1 20030821
PA
PΙ
       us 2001-992095
                           Α1
                                 20011113 (9)
ΑI
       Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
RLI
       wo 2001-IB1715
                             20010806
PRAI
                             20010713 (60)
       US 2001-305456P
       US 2001-302277P
                             20010629 (60)
       US 2001-298698P
                             20010615
                                       (60)
       us 2001-293574P
                             20010525 (60)
DT
       Utility
        APPLICATION
FS
LN.CNT 25484
        INCLM: 435/006.000
INCL
        INCLS: 435/069.100; 435/320.100; 435/325.000; 435/226.000; 800/008.000;
               536/023.200; 530/388.260; 435/007.200
NCL
        NCLM:
               435/006.000
               435/069.100; 435/320.100; 435/325.000; 435/226.000; 800/008.000;
        NCLS:
               536/023.200; 530/388.260; 435/007.200
IC
        [7]
        ICM: C12Q001-68
        ics: G01N033-53; G01N033-567; A01K067-00; C07H021-04; C12N009-64;
        C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 228 OF 297 USPATFULL on STN
L3
        2003:215352 USPATFULL
AN
        Diagnostics and therapeutics for arterial wall disruptive disorders
ΤI
        Hageman, Gregory S., Coralville, IA, UNITED STATES
IN
        us 2003149997
                            Α1
                                  20030807
PΙ
                                 20000222 (9)
ΑI
        us 2000-511008
                            Α1
                             19990219 (60)
        US 1999-120822P
PRAI
                             19990219 (60)
        US 1999-120668P
        US 1999-123052P
                             19990305 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 6580
        INCLM: 800/008.000
INCL
        INCLS: 435/006.000; 800/009.000; 435/007.100
NCL
        NCLM:
               800/008.000
               435/006.000; 800/009.000; 435/007.100
        NCLS:
IC
        ICM: A01K067-00
        ICS: C12Q001-68; G01N033-53
```

```
ANSWER 229 OF 297 USPATFULL ON STN
L3
         2003:214594 USPATFULL
ΑN
         Novel polynucleotides and polypeptides encoded thereby
TI
         Vernet, Corine, North Branford, CT, UNITED STATES
TN
         Tchernev, Velizar, Branford, CT, UNITED STATES
         Patturajan, Meera, Branford, CT, UNITED STATES
         Malyankar, Uriel M., North Branford, CT, UNITED STATES
         Gusev, Vladimir, Madison, CT, UNITED STATES
        Herrmann, John L., Guilford, CT, UNITED STATES
MacDougall, John R., Hamden, CT, UNITED STATES
Rastelli, Luca, Guilford, CT, UNITED STATES
Zhong, Haihong, Guilford, CT, UNITED STATES
Spytek, Kimberly A., New Haven, CT, UNITED STATES
         shenoy, Suresh, Branford, CT, UNITED STATES
         Gerlach, Valerie L., Branford, CT, UNITED STATES
         Gangolli, Esha A., Madison, CT, UNITED STATES
Stone, David J., Guilford, CT, UNITED STATES
         Smithson, Glennda, Branford, CT, UNITED STATES
         us 2003149237
                                       20030807
PΙ
                                 Α1
         us 2001-894159
                                       20010627 (9)
ΑI
                                 Α1
                                  20001113 (60)
         US 2000-248153P
PRAI
         US 2001-261014P
                                   20010111 (60)
         US 2000-214759P
                                   20000627 (60)
                                   20010122 (60)
         US 2001-263215P
         us 2000-244546P
                                   20001031 (60)
         Utility
DT
FS
         APPLICATION
LN.CNT 9368
         INCLM: 530/350.000
INCL
NCL
         NCLM: 530/350.000
         [7]
IC
         ICM: C07K001-00
         ICS: C07K014-00; C07K017-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
- L3 ·
       ANSWER 230 OF 297 USPATFULL ON STN
         2003:213754
ΑN
                         USPATFULL
         Screening compounds for the ability to alter the production of
TI
            ***amyloid*** -beta peptide (x-41)
         Citron, Martin, Thousand Oaks, CA, UNITED STATES
IN
         Selkoe, Dennis J., Jamaica Plain, MA, UNITED STATES
Seubert, Peter A., San Francisco, CA, UNITED STATES
Schenk, Dale B., Burlingame, CA, UNITED STATES
         Athena Neurosciences, Inc. a Delaware corporation, South San Francisco,
PA
         CA, UNITED STATES (U.S. corporation)
PΙ
         US 2003148392
                                 Α1
                                        20030807
                                        20021230 (10)
ΑI
         US 2002-335035
                                 Α1
         Continuation of Ser. No. US 1996-665649, filed on 18 Jun 1996, PENDING Continuation-in-part of Ser. No. US 1993-79511, filed on 17 Jun 1993,
RLI
         GRANTED, Pat. No. US 5766846 Division of Ser. No. US 1992-965972, filed on 26 Oct 1992, ABANDONED Continuation-in-part of Ser. No. US
          1992-911647, filed on 10 Jul 1992, ABANDONED
         Utility
DT
         APPLICATION
FS
LN.CNT 1904
          INCLM: 435/007.200
INCL
          INCLS: 435/007.930
          NCLM: 435/007.200
NCL
          NCLS: 435/007.930
 IC
          [7]
          ICM: G01N033-53
          ICS: G01N033-567; G01N033-537; G01N033-543
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L3
       ANSWER 231 OF 297 USPATFULL on STN
 ΑN
          2003:207348 USPATFULL
 TI
          Novel human leucine-rich repeat containing protein expressed
          predominately in bone marrow, HLRRBM1
          Feder, John N., Belle Mead, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
 IN
          Mintier, Gabe, Hightstown, NJ, UNITED STATES US 2003143706 A1 20030731
 PΙ
          us 2003143706
                                 A1
                                        20011220 (10)
 ΑI
          us 2001-28374
                                  Α1
 PRAI
          US 2000-257773P
                                  20001222 (60)
```

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Utility
DT
       APPLICATION
FS
LN.CNT 13850
INCL
       INCLM: 435/183.000
       INCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.200; 435/006.000
NCL
               435/183.000
       NCLS:
               435/069.100; 435/325.000; 435/320.100; 536/023.200; 435/006.000
IC
        [7]
       ICM: C12Q001-68
       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 232 OF 297 USPATFULL on STN
L3
       2003:203365
                      USPATFULL
AN
                       ***amyloid***
                                         A.beta. peptides and uses thereof
TI
       Fluorescent
       Glabe, Charles, Irvine, CA, United States
ΙN
       Rodriguez, William Garzon, Irvine, CA, United States
       The Regents of the University of California, Oakland, CA, United States
PΑ
        (U.S. corporation)
PΙ
       us 6600017
                                   20030729
       us 1998-133866
                                   19980813 (9)
ΑI
       US 1997-55660P
                              19970814 (60)
PRAI
       Utility
DT
FS
       GRANTED
LN.CNT 1060
INCL
       INCLM: 530/345.000
        INCLS: 530/300.000
               530/345.000
NCL
       NCLM:
       NCLS:
               530/300.000
IC
        [7]
        ICM: A61K038-00
        ICS: C07K007-00; C07K001-00
        530/300; 530/333; 530/402; 530/345; 436/183; 436/501; 436/800; 435/7.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 233 OF 297 USPATFULL ON STN
        2003:174189 USPATFULL
ΑN
                                                                        ***amyloid***
TI
       Utilization of FPRL1 as a functional receptor by serum
        a (SAA)
IN
       Wang, Ji Ming, Frederick, MD, UNITED STATES
       Oppenheim, Joost J., Bethesda, MD, UNITED STATES Su, Shao-Bo, Rockville, MD, UNITED STATES Gong, Wang Hua, Frederick, MD, UNITED STATES Gao, Ji-Liang, Frederick, MD, UNITED STATES
       Murphy, Philip M., Rockville, MD, UNITED STATES
PΙ
        us 2003120037
                             Α1
                                  20030626
ΑI
       US 2002-99782
                             Α1
                                   20020314 (10)
RLI
        Continuation of Ser. No. WO 1999-US21770, filed on 22 Sep 1999, PENDING
       Utility
DT
        APPLICATION
FS
LN.CNT
       5025
        INCLM: 530/350.000
INCL
        INCLS: 435/007.200; 435/069.100; 435/320.100; 435/325.000; 514/012.000;
                536/023.500
NCL
       NCLM:
               530/350.000
       NCLS:
               435/007.200; 435/069.100; 435/320.100; 435/325.000; 514/012.000;
               536/023.500
IC
        [7]
        ICM: A61K038-17
        ICS: C07K014-705; C12P021-02; C12N005-06; G01N033-53; G01N033-567;
        C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 234 OF 297 USPATFULL ON STN
ΑN
        2003:173175 USPATFULL
        Nucleic acid molecules capable of distinguishing the isoforms PrPc and
TI
        PrPSc of prion proteins and processes for their production
       Winnacker, Ernst-Ludwig, Munchen, GERMANY, FEDERAL REPUBLIC OF Weiss, Stefan, Munchen, GERMANY, FEDERAL REPUBLIC OF
TN
       Famulok', Michael, Munchen, GERMANY, FEDERAL REPUBLIC OF US 2003119019 A1 20030626
PΙ
ΑI
       US 2002-187783
                                  20020703 (10)
                             Α1
RLI
        Continuation of Ser. No. US 1998-51962, filed on 2 Oct 1998, GRANTED,
        Pat. No. US 6426409
PRAI
        EP 1995-116890
                              19951026
DT
        Utility
```

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APPLICATION
LN.CNT 1160
        INCLM: 435/006.000
INCL
       INCLS: 435/091.200; 536/023.200
NCLM: 435/006.000
NCL
               435/091.200; 536/023.200
        NCLS:
        [7]
IC
        ICM: C12Q001-68
        ICS: C07H021-04; C12P019-34
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 235 OF 297 USPATFULL ON STN
L3
        2003:153484 USPATFULL
AN
        Treatments for neurotoxicity in Alzheimer's disease
TI
       Ingram, Vernon M., Cambridge, MA, UNITED STATES
Blanchard, Barbara J., Cambridge, MA, UNITED STATES
Stockwell, Brent R., Boston, MA, UNITED STATES
US 2003105152 A1 20030605
IN
PΙ
                             Α1
                                   20020510 (10)
        us 2002-143534
ΑI
        Continuation-in-part of Ser. No. US 2002-51663, filed on 18 Jan 2002,
RLI
        PENDING Continuation-in-part of Ser. No. US 2000-706574, filed on 3 Nov
        2000, PENDING
        Utility
DT
        APPLICATION
FS
LN.CNT 2249
        INCLM: 514/417.000
INCL
        INCLS: 435/004.000
                514/417.000
NCL
        NCLM:
        NCLS: 435/004.000
        [7]
IC
        ICM: A61K031-4035
        ICS: C12Q001-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 236 OF 297 USPATFULL ON STN
L3
        2003:140406 USPATFULL
ΑN
        Human cDNAs and proteins and uses thereof
ΤI
        Bejanin, Stephane, Paris, FRANCE
IN
        Tanaka, Hiroaki, Antony, FRANCE
        GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
PA
                                   20030522
        us 2003096247
                             Α1
PΙ
                                   20011114 (10)
        us 2001-986
                             Α1
ΑI
        Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
RLI
                              20010806
        WO 2001-IB1715
PRAI
        US 2001-305456P
                               20010713 (60)
                               20010629 (60)
20010615 (60)
        US 2001-302277P
        US 2001-298698P
                               20010525 (60)
        us 2001-293574P
        Utility
DT
        APPLICATION
FS
LN.CNT 25656
        INCLM: 435/006.000
INCL
        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
                536/023.200; 800/008.000
                435/006.000
NCL
        NCLM:
                435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200; 800/008.000
        NCLS:
 IC
        [7]
        ICM: C12Q001-68
        ICS: A01K067-00; C07H021-04; C12N009-00; C12P021-02; C12N005-06
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 237 OF 297 USPATFULL on STN
 L3
        2003:133926 USPATFULL
 ΑN
        Human cDNAs and proteins and uses thereof
 TT
        Bejanin, Stephane, Paris, FRANCE
 IN
        Tanaka, Hiroaki, Antony, FRANCE
                S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
 PA
         GENSET,
                             Á1
                                   20030515
        US 2003092011
 PΙ
        US 2001-489
                              Α1
                                   20011114 (10)
 ΑI
        Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
 RLI
                               20010806
 PRAI
        WO 2001-IB1715
                               20010713 (60)
        US 2001-305456P
                               20010629 (60)
         US 2001-302277P
        US 2001-298698P
                               20010615 (60)
                               20010525 (60)
        US 2001-293574P
```

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DT
       Utility
       APPLICATION
FS
LN.CNT
       25607
INCL
       INCLM: 435/006.000
       INCLS: 800/003.000; 435/007.900; 435/183.000; 435/069.100; 435/320.100;
               435/325.000; 536/023.200
NCL
       NCLM:
               435/006.000
               800/003.000; 435/007.900; 435/183.000; 435/069.100; 435/320.100; 435/325.000; 536/023.200
       NCLS:
IC
       [7]
       ICM: C12Q001-68
       ICS: G01N033-53; G01N033-542; C07H021-04; C12N009-00; C12P021-02;
       C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 238 OF 297 USPATFULL on STN
L3
       2003:127127
                     USPATFULL
ΑN
TI
       Novel human leucine-rich repeat containing protein expressed
       predominately in nervous system tissues, HLRRNS1
       Feder, John N., Belle Mead, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
IN
       Mintier, Gabe, Hightstown, NJ, UNITED STATES
PΙ
       us 2003087340
                            Α1
                                 20030508
ΑI
       US 2001-28392
                                 20011220 (10)
                            Α1
                             20010103 (60)
       US 2001-259479P
PRAI
                             20010109 (60)
       US 2001-260616P
       Utility
DT
FS
       APPLICATION
LN.CNT 15374
INCL
       INCLM: 435/069.100
       INCLS: 435/325.000; 435/320.100; 530/350.000; 536/023.500
NCL
               435/069.100
       NCLM:
       NCLS:
               435/325.000; 435/320.100; 530/350.000; 536/023.500
       [7]
       ICM: C07K014-435
       ICS: C12Q001-68; C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 239 OF 297 USPATFULL ON STN 2003:119667 USPATFULL
L3
ΑN
TI
       Adipose-derived stem cells and lattices
IN
       Hedrick, Marc H., Encino, CA, UNITED STATES
       Katz, Adam J., Charlottesville, VA, UNITED STATES
       Llull, Ramon, Mallorca, SPAIN
       Futrell, J. William, Pittsburgh, PA, UNITED STATES
       Benhaim, Prosper, Encino, CA, UNITED STATES
       Lorenz, Hermann Peter, Belmont, CA, UNITED STATES
       Zhu, Min, Los Angeles, CA, UNITED STATES
       US 2003082152
PΙ
                            Α1
                                 20030501
ΑI
       us 2001-952522
                                 20010910 (9)
                            Α1
       Continuation-in-part of Ser. No. WO 2000-US6232, filed on 10 Mar 2000,
RLI
       UNKNOWN
PRAI
       US 1999-123711P
                             19990310 (60)
       US 1999-162462P
                             19991029 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 6443
INCL
       INCLM: 424/093.210
       INCLS: 435/366.000
               424/093.210
NCL
       NCLM:
       NCLS:
              435/366.000
IC
       [7]
       ICM: A61K048-00
       ICS: C12N005-08
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 240 OF 297 USPATFULL on STN
AN
       2003:106743 USPATFULL
ΤI
       Specific antibodies to
                                  ***amvloid***
                                                    beta peptide, pharmaceutical
       compositions and methods of use thereof Chain, Daniel G., Jerusalem, ISRAEL
ΤN
       US 2003073655
                                 20030417
PΙ
                            Α1
ΑI
       US 2002-84380
                                 20020228 (10)
                            A1
       Continuation-in-part of Ser. No. US 1999-402820, filed on 12 Oct 1999,
RLI
       PENDING A 371 of International Ser. No. WO 1998-US6900, filed on 9 Apr
       1998, PENDING
```

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US 1997-41850P
PRAI
                              19970409 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 1979
       INCLM: 514/044.000
INCL
       INCLS: 424/146.100; 530/388.260
NCL
               514/044.000
       NCLM:
       NCLS: 424/146.100; 530/388.260
IC
       [7]
       ICM: A61K048-00
       ICS: A61K039-395; C07K016-40
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 241 OF 297 USPATFULL ON STN
ΑN
       2003:105883
                     USPATFULL
       Encapsulation of plasmid DNA (lipogenes.TM.) and therapeutic agents with
TI
       nuclear localization signal/fusogenic peptide conjugates into targeted
       liposome complexes
       Boulikas, Teni, Mountain View, CA, UNITED STATES US 2003072794 A1 20030417
IN
PΙ
       us 2001-876904
                             Α1
                                  20010608 (9)
ΑŢ
PRAI
       US 2000-210925P
                              20000609 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 4201
       INCLM: 424/450.000
INCL
       INCLS: 435/458.000; 435/320.100; 514/044.000; 264/004.000
NCL
               424/450.000
       NCLM:
       NCLS:
               435/458.000; 435/320.100; 514/044.000; 264/004.000
IC
       ICM: A61K048-00
       ICS: A61K009-127; C12N015-88
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 242 OF 297 USPATFULL on STN
       2003:93130 USPATFULL
ΑN
ΤI
       Novel polypeptides and nucleic acids encoding same
IN
       Li, Li, Cheshire, CT, UNITED STATES
       Padigaru, Muralidhara, Bronx, NY, UNITED STATES
       Vernet, Corine A.M., Gainesville, FL, UNITED STATES
Fernandes, Elma R., Branford, CT, UNITED STATES
       Shimkets, Richard A., West Haven, CT, UNITED STATES
       Spaderna, Steven K., Berlin, CT, UNITED STATES
       Majumder, Kumud, Stamford, CT, UNITED STATES
                                  20030403
PΙ
       us 2003064489
                             Α1
ΑI
       us 2001-804014
                             Α1
                                  20010312 (9)
                              20000310 (60)
       US 2000-188316P
PRAI
       US 2000-188277P
                              20000310 (60)
       US 2000-189139P
                              20000314 (60)
       US 2000-189140P
                              20000314
                                        (60)
       US 2000-190401P
                              20000317
                                        (60)
       US 2000-190231P
                              20000317 (60)
       Utility
DT
       APPLICATION
FS
LN.CNT 7397
       INCLM: 435/183.000
INCL
       INCLS: 435/069.100; 435/320.100; 435/325.000; 536/023.200
NCL
       NCLM:
              435/183.000
       NCLS:
               435/069.100; 435/320.100; 435/325.000; 536/023.200
IC
        [7]
       ICM: C12P021-02
       ICS: C12N005-06; C07H021-04; C12N009-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 243 OF 297 USPATFULL on STN
AN
       2003:87055 USPATFULL
       Novel therapeutic agents for macromolecular structures
TI
TN
       Griffin, John H., Atherton, CA, UNITED STATES
       Christensen, Burton G., Alamo, CA, UNITED STATES Jenkins, Thomas E., La Honda, CA, UNITED STATES Judice, J. Kevin, El Granada, CA, UNITED STATES US 2003060663 A1 20030327
PΙ
ΑI
       us 2002-96270
                             Α1
                                  20020308 (10)
       Continuation of Ser. No. US 2000-510176, filed on 22 Feb 2000, PENDING
RLI
       Continuation of Ser. No. US 1999-326660, filed on 7 Jun 1999, ABANDONED
                              19980608 (60)
PRAI
       US 1998-88464P
```

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US 1998-92941P
                             19980715 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 5057
       INCLM: 564/152.000
INCL
       INCLS: 564/123.000
               564/152.000
NCL
       NCLM:
       NCLS:
               564/123.000
       [7]
IC
       ICM: C07C233-57
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 244 OF 297 USPATFULL ON STN
L3
       2003:71955 USPATFULL
ΑN
       Protein polymerization inhibitors and methods of use
ΤI
       Vahlne, Anders, Hovas, SWEDEN
ΙN
       us 2003050242
                            Α1
                                 20030313
PΙ
                                 20020208 (10)
                            Α1
       us 2002-72783
ΑI
       Continuation of Ser. No. WO 2000-IB972, filed on 29 Jun 2000, UNKNOWN
RLI
                             19990809 (60)
       US 1999-147981P
PRAI
       Utility
DT
       APPLICATION
FS
LN.CNT
       3158
        INCLM: 514/012.000
INCL
        INCLS: 514/018.000
NCL
       NCLM:
               514/012.000
               514/018.000
       NCLS:
        [7]
IC
        ICM: A61K038-17
        ICS: A61K038-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 245 OF 297 USPATFULL ON STN
L3
        2003:40533 USPATFULL
AN
        Methods for the inhibition of epstein-barr virus transmission employing
TI
        anti-viral peptides capable of abrogating viral fusion and transmission
        Barney, Shawn O'Lin, Cary, NC, United States
IN
        Lambert, Dennis Michael, Cary, NC, United States
        Petteway, Stephen Robert, Cary, NC, United States
        Trimeris, Inc., Durham, NC, United States (U.S. corporation)
PΑ
                                  20030211
PΙ
        us 6518013
                            R1
        US 1995-485546 19950607 (8)
Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994,
ΑI
RLI
        now patented, Pat. No. US 6017536 Continuation-in-part of Ser. No. US
        1994-255208, filed on 7 Jun 1994 Continuation-in-part of Ser. No. US
        1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933
DT
        Utility
        GRANTED
FS
LN.CNT 24700
        INCLM: 435/005.000
INCL
        INCLS: 424/230.100; 530/300.000; 530/324.000; 530/325.000; 530/326.000
NCL
        NCLM: 435/005.000
        NCLS: 424/230.100; 530/300.000; 530/324.000; 530/325.000; 530/326.000
IC
        [7]
        ICM: C12Q001-70
        435/5; 530/300; 530/324-329; 530/350; 424/230.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 246 OF 297 USPATFULL on STN
ΑN
        2003:38351 USPATFULL
        Novel genes encoding proteins having prognostic, diagnostic, preventive,
TI
        therapeutic, and other uses
IN
        Holtzman, Douglas A., Jamaica Plain, MA, UNITED STATES
        Barnes, Thomas M., Brookline, MA, UNITED STATES
        US 2003027998
                                  20030206
PI
                            Α1
ΑI
        US 2001-796753
                            Α1
                                  20010301 (9)
        Continuation-in-part of Ser. No. US 1998-183175, filed on 30 Oct 1998,
RLI
        ABANDONED Continuation-in-part of Ser. No. US 2000-599596, filed on 22
        Jun 2000, ABANDONED Division of Ser. No. US 1998-223546, filed on 30 Dec
        1998, ABANDONED Division of Ser. No. US 1999-471179, filed on 23 Dec
        1999, PENDING Continuation-in-part of Ser. No. US 1998-223546, filed on 30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 1999-474072,
        filed on 29 Dec 1999, PENDING Continuation-in-part of Ser. No. US
        1998-224246, filed on 30 Dec 1998, ABANDONED Continuation-in-part of Ser. No. US 1999-474071, filed on 29 Dec 1999, ABANDONED
        Continuation-in-part of Ser. No. US 1998-223094, filed on 30 Dec 1998,
```

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ABANDONED Continuation-in-part of Ser. No. US 2000-514010, filed on 25
       Feb 2000, ABANDONED Continuation-in-part of Ser. No. US 1999-259388,
       filed on 26 Feb 1999, ABANDONED Continuation-in-part of Ser. No. US
       2000-516745, filed on 1 Mar 2000, ABANDONED Continuation-in-part of Ser.
       No. US 2000-597993, filed on 19 Jun 2000, PENDING Continuation-in-part
       of Ser. No. US 1999-336536, filed on 18 Jun 1999, PENDING Continuation-in-part of Ser. No. US 2000-630334, filed on 31 Jul 2000,
       PENDING Continuation-in-part of Ser. No. US 1999-365164, filed on 30 Jul
       1999, ABANDONED Continuation-in-part of Ser. No. US 2000-665666, filed
       on 20 Sep 2000, PENDING Continuation-in-part of Ser. No. US 1999-399723,
       filed on 20 Sep_1999, ABANDONED Continuation-in-part of Ser. No. US
       2000-667751, filed on 21 Sep 2000, PENDING Continuation-in-part of Ser.
       No. US 1999-409634, filed on 30 Sep 1999, ABANDONED Continuation-in-part
       of Ser. No. US 2000-572002, filed on 15 May 2000, PENDING
       Continuation-in-part of Ser. No. US 1999-312359, filed on 14 May 1999
       ABANDONED Continuation-in-part of Ser. No. US 2000-606565, filed on 29
       Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-342687, filed
       on 29 Jun 1999, ABANDONED Continuation-in-part of Ser. No. US
       2000-606317, filed on 29 Jun 2000, PENDING Continuation-in-part of Ser. No. US 1999-345464, filed on 30 Jun 1999, ABANDONED
                            19990301 (60)
       US 1999-122458P
       Utility
       APPLICATION
LN.CNT
       22222
       INCLM: 536/023.100
       NCLM: 536/023.100
       [7]
       ICM: C07H021-02
       ICS: C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 247 OF 297 USPATFULL ON STN
       2003:37603 USPATFULL
       Human cDNAs and proteins and uses thereof
       Bejanin, Stephane, Paris, FRANCE
       Tanaka, Hiroaki, Antony, FRANCE
       GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
       US 2003027248
                                 20030206
                           Α1
       US 2001-924340
                           Α1
                                 20010806 (9)
                             20010713 (60)
       US
          2001-305456P
       US 2001-302277P
                             20010629
                                      (60)
       US 2001-298698P
                             20010615 (60)
       US 2001-293574P
                             20010525 (60)
       Utility
       APPLICATION
LN.CNT 25650
       INCLM: 435/069.100
       INCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200;
               435/006.000
       NCLM:
               435/069.100
       NCLS:
              435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200;
               435/006.000
       [7]
       ICM: C12P021-02
       ICS: C12Q001-68; C07H021-04; C12N009-00; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 248 OF 297 USPATFULL on STN
       2003:37565 USPATFULL
       Alpha synuclein aggregation assays
       Benjamin, Daniel, Barnegat, NJ, UNITED STATES
       Ilyin, Sergey, Hatboro, PA, UNITED STATES
       Plata-Salaman, Carlos R., Ambler, PA, UNITED STATES
       US 2003027210
                                20030206
                           Α1
       us 2002-37519
                           Α1
                                 20020103 (10)
       US 2001-259442P
                            20010103 (60)
       Utility
       APPLICATION
LN.CNT
       398
       INCLM: 435/007.100
       NCLM: 435/007.100
       [7]
       ICM: G01N033-53
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

PRAI

INCL

NCL IC

L3 AN

TI

IN

PA

PΙ

ΑI

DT

FS

INCL

NCL

IC

L3

ΑN

TI IN

PΙ

ΑI

DT

PRAI

INCL

NCL

L3

ANSWER 249 OF 297 USPATFULL ON STN

PRAI

DT

FS

```
2003:37516 USPATFULL
AN
       Human cDNAs and proteins and uses thereof
TI
       Bejanin, Stephane, Paris, FRANCE
ΙN
       Tanaka, Hiroaki, Antony, FRANCE
       GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
PA
PΙ
       us 2003027161
                           Α1
                                20030206
                           Α1
                                20011113 (9)
ΑI
       us 2001-992600
       Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
RLI
       wo 2001-IB1715
                            20010806
PRAI
                            20010713
       us 2001-305456P
                                      (60)
       US 2001-302277P
                            20010629
                                      (60)
          2001-298698P
                             20010615 (60)
       US
       US 2001-293574P
                            20010525 (60)
       Utility
DT
       APPLICATION
FS
LN.CNT 25529
       INCLM: 435/006.000
INCL
       INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
               536/023.200; 800/008.000
              435/006.000
NCL
       NCLM:
       NCLS:
              435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
               536/023.200; 800/008.000
       [7]
IC
       ICM: C12Q001-68
       ICS: A01K067-00; C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 250 OF 297 USPATFULL ON STN
L3
       2003:30383 USPATFULL
ΑN
       APOA2-interacting proteins and use thereof
TI
       Bartel, Paul, Salt Lake City, UT, UNITED STATES
Sugiyama, Janice, Salt Lake City, UT, UNITED STATES
IN
       Myriad Genetics, Incorporated, Salt Lake City, UT (U.S. corporation)
PA
                                 20030130
       us 2003022330
PΤ
                           Α1
                                 20020418 (10)
       us 2002-125639
AΙ
                           Α1
PRAI
       US 2001-285324P
                            20010419 (60)
       US 2002-349843P
                            20020117 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 4780
INCL
       INCLM: 435/183.000
       INCLS: 435/226.000; 435/007.100
               435/183.000
NCL
       NCLM:
       NCLS:
              435/226.000; 435/007.100
IC
        [7]
       ICM: G01N033-53
       ICS: C12N009-00; C12N009-64
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 251 OF 297 USPATFULL on STN
       2003:30298 USPATFULL
AN
       Method and compositions for analysis of pentraxin receptors as
TI
       indicators of disease
IN
       Mills, Rhonda Ann, Miami Lakes, FL, UNITED STATES
       us 2003022245
                                 20030130
PΙ
                           Α1
ΑI
       US 2001-915892
                           Α1
                                 20010725 (9)
DT
       Utility
FS
       APPLICATION
LN.CNT 1897
       INCLM: 435/007.800
INCL
       INCLS: 435/004.000; 435/007.100
NCL
               435/007.800
       NCLM:
               435/004.000; 435/007.100
       NCLS:
IC
        [7]
       ICM: G01N033-53
       ICS: G01N033-567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 252 OF 297 USPATFULL ON STN
L3
       2003:26157 USPATFULL
ΑN
       Therapy for human cancers using cisplatin and other drugs or genes
TI
       encapsulated into liposomes
       Boulikas, Teni, 249 Matadero Ave., Palo Alto, CA, United States 94306
IN
       us 6511676
                           В1
                                 20030128
PT
       us 1999-434345
                                 19991105 (9)
AΙ
       Utility
DT
```

```
FS
       GRANTED
LN.CNT 1642
INCL
       INCLM: 424/450.000
       INCLS: 264/004.100; 264/004.300
NCL
       NCLM:
               424/450.000
              264/004.100; 264/004.300
       NCLS:
        [7]
IC
       ICM: A61K009-127
EXF
       424/450; 264/4.1; 264/4.3
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 253 OF 297 USPATFULL on STN
L3
       2003:23722 USPATFULL
AN
TI
       Novel human leucine-rich repeat containing protein expressed
       predominately in small intestine, HLRRSI1
       Feder, John N., Belle Mead, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
IN
       Mintier, Gabriel A., Hightstown, NJ, UNITED STATES
       us 2003017562
                             À1
                                  20030123
PΙ
       us 2001-29347
                             Α1
                                  20011220 (10)
ΑI
       US 2000-257774P
                              20001222 (60)
PRAI
       Utility
DT
       APPLICATION
FS
LN.CNT 14217
        INCLM: 435/183.000
INCL
        INCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.200
               435/183.000
NCL
       NCLM:
               435/069.100; 435/325.000; 435/320.100; 536/023.200
       NCLS:
        [7]
IC
        ICM: C12N009-00
        ICS: C12N009-16; C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 254 OF 297 USPATFULL ON STN
L3
        2002:344010
                     USPATFULL
ΑN
TI
        NOVEL METHODS FOR TESTING INHIBITORS OF PAIRED HELICAL FILAMENTS AND
       USES FOR TREATMENT OF ALZHEIMER'S DISEASE
       MANDELKOW, ECKHARD, BARON-VOGHT-STR.212A, GERMANY, FEDERAL REPUBLIC OF
IN
       MANDELKOW, EVA MARIA, BARON-VOGHT-STR.212A, GERMANY, FEDERAL REPUBLIC OF
       BIERNAT, JACEK, BLOCKHORNER WEIDEN SCHENEFELD, GERMANY, FEDERAL REPUBLIC
        FRIEDHOFF, PETER, ELLY-HEUSS-KNAPPWEG 5 GIESSEN, GERMANY, FEDERAL
        REPUBLIC OF
       us 2002197737
PΙ
                             Α1
                                   20021226
        us 1999-319812
                           . A1
                                   19990907 (9)
ΑI
       WO 1997-EP7007
                                   19971212
        EP 1996-120120
PRAI
                              19961213
       Utility
DT
        APPLICATION
FS
LN.CNT 770
INCL
        INCLM: 436/518.000
        INCLS: 435/007.210; 514/044.000
NCL
        NCLM:
               436/518.000
        NCLS:
               435/007.210; 514/044.000
IC
        [7]
        ICM: G01N033-567
        ICS: G01N033-543; A61K048-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 255 OF 297 USPATFULL on STN
ΑN
        2002:297296 USPATFULL
TI
        Methods for inhibition of membrane fusion-associated events, including
        respiratory syncytial virus transmission
        Bolognesi, Dani Paul, Durham, NC, United States
ΙN
        Matthews, Thomas James, Durham, NC, United States
       Wild, Carl T., Durham, NC, United States
Barney, Shawn O'Lin, Cary, NC, United States
        Lambert, Dennis Michael, Cary, NC, United States
        Petteway, Stephen Robert, Cary, NC, United States
        Langlois, Alphonse J., Durham, NC, United States
        Trimeris, Inc., Durham, NC, United States (U.S. corporation)
PA
                                  20021112
PΙ
        us 6479055
                             В1
        us 1995-470896
                                   19950606 (8)
AΤ
       Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994, now patented, Pat. No. US 6017536 Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994 Continuation-in-part of Ser. No. US
RLI
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1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933
DT
       Utility
        GRANTED
FS
LN.CNT 26553
INCL
        INCLM: 424/211.100
        INCLS: 424/186.100; 530/324.000
NCL
               424/211.100
       NCLS:
               424/186.100; 530/324.000
IC
        [7]
        ICM: A61K039-145
        435/5; 435/240.2; 424/184.1-189.1; 424/204.1-211.1; 424/225.1;
EXF
       424/227.1; 424/230.1; 514/1; 514/2; 530/324; 530/350; 530/826
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 256 OF 297 USPATFULL ON STN
L3
ΑN
        2002:274346 USPATFULL
       Alpha-synuclein super-mutants accelerate alpha-synuclein aggregation
ΤI
IN
        Biere, Anja Leona, Thousand Oaks, CA, UNITED STATES
       Citron, Martin, Thousand Oaks, CA, UNITED STATES
PA
       Amgen Inc. (U.S. corporation)
       US 2002152480
                                  20021017
PΙ
                            Α1
ΑI
       US 2002-39413
                                  20020104 (10)
                            Α1
       Division of Ser. No. US 2000-612795, filed on 10 Jul 2000, ABANDONED Division of Ser. No. US 1999-405035, filed on 24 Sep 1999, GRANTED, Pat.
RLI
       No. US 6184351
PRAI
       US 1998-101862P
                             19980925 (60)
DT
       Utility
FS
        APPLICATION
LN.CNT 681
INCL
        INCLM: 800/008.000
        INCLS: 435/007.100; 530/350.000
NCL
       NCLM:
               800/008.000
       NCLS:
               435/007.100; 530/350.000
        [7]
IC
        ICM: A01K067-00
        ICS: G01N033-53; C07K014-435
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 257 OF 297 USPATFULL ON STN
       2002:273336 USPATFULL
AN
ΤI
       Methods for preventing neural tissue damage and for the treatment of
       alpha-synuclein diseases
       Wolozin, Benjamin, Hinsdale, IL, UNITED STATES
IN
       Ostretova-Golts, Natalie, Forrest Park, IL, UNITED STATES Lebowitz, Michael S., Baltimore, MD, UNITED STATES
       US 2002151464
PΙ
                            A1
                                  20021017
AT
       US 2001-901187
                            Α1
                                  20010709 (9)
                             20000707 (60)
PRAI
       US 2000-217319P
       US 2001-279199P
                             20010328 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT
       1374
INCL
        INCLM: 514/002.000
       INCLS: 435/007.200; 435/025.000
               514/002.000
NCL
       NCLM:
       NCLS:
               435/007.200; 435/025.000
        [7]
IC
        ICM: A61K038-16
       ICS: G01N033-53; G01N033-567; C12Q001-26
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 258 OF 297 USPATFULL ON STN 2002:272827 USPATFULL
L3
ΑN
       Antibody PTI-HS7 for treatment of alzheimer's disease and other
TI
       amyloidoses and parkinson's disease
       Castillo, Gerardo, Seattle, WA, UNITED STATES
IN
       Choi, Paula Y., Bothell, WA, UNITED STATES
       Cummings, Joel A., Seattle, WA, UNITED STATES
       Snow, Alan D., Lynnwood, WA, UNITED STATES
       US 2002150948
PΙ
                                  20021017
                            Α1
ΑI
                                  20011102 (10)
       US 2001-53474
                            Α1
       US 2000-245951P
                             20001103 (60)
PRAI
DT
       Utility
FS
       APPLICATION
LN.CNT 1260
INCL
       INCLM: 435/007.100
```

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NCLM: 435/007.100
NCL
        [7]
IC
       ICM: G01N033-53
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 259 OF 297 USPATFULL ON STN
       2002:254390 USPATFULL
ΑN
       Method for screening for drugs useful in inhibition of polymerization of
TI
       a.beta. and tau peptides
       Wilson, David M., West Roxbury, MA, United States
Binder, Lester T., Grayslake, IL, United States
University of Alabama at Birmingham Research Foundation, Birmingham, AL,
TN
PA
       United States (U.S. corporation)
                                  20021001
       us 6458847
                             в1
PΙ
       us 2000-569729
                                  20000510 (9)
ΑI
       Continuation of Ser. No. US 1998-179777, filed on 27 Oct 1998
RLI
       Continuation of Ser. No. US 689395
PRAI
       US 1995-2023P
                             19950808 (60)
DT
       Utility
       GRANTED
FS
LN.CNT 1656
       INCLM: 514/646.000
INCL
       INCLS: 514/731.000; 514/688.000; 514/692.000; 424/009.322
               514/646.000
NCL
       NCLM:
       NCLS:
               424/009.322; 514/688.000; 514/692.000; 514/731.000
        [7]
IC
        ICM: A61K031-135
        ICS: A61K031-05; A61K031-12; A61K031-125
EXF
        424/9.322; 514/646; 514/688; 514/692; 514/731
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 260 OF 297 USPATFULL on STN
L3
        2002:251081
                     USPATFULL
ΑN
       Methods for preparation of bioprosthetic tissue and implantable devices
·TI
        comprising such bioprosthetic tissue
IN
       Cunanan, Crystal M., Mission Viejo, CA, UNITED STATES
       Dinh, Tan Thanh, Fountain Valley, CA, UNITED STATES
       Loshbaugh, Christine, Irvine, CA, UNITED STATES
       Sarner, H. Chris, Laguna Hills, CA, UNITED STATES
       Helmus, Michael N., Worcester, MA, UNITED STATES
        Cabiling, Christine M., Tustin, CA, UNITED STATES
PΙ
        us 2002137024
                            Α1
                                  20020926
       US 2001-4624
                                  20011101 (10)
AΙ
                             Α1
       Continuation-in-part of Ser. No. US 2001-930619, filed on 15 Aug 2001,
RLI
       PENDING
PRAI
       US 2000-244889P
                              20001101 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 1761
INCL
        INCLM: 435/005.000
        INCLS: 530/300.000; 435/091.330
NCL
               435/005.000
       NCLM:
        NCLS:
               530/300.000; 435/091.330
        [7]
IC
        ICM: C12Q001-70
        ICS: C12P019-34; C07K002-00; C07K004-00; C07K005-00; C07K007-00;
        C07K014-00; C07K016-00; C07K017-00; A61K038-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 261_OF 297 USPATFULL on STN
L3
        2002:209740 USPATFULL
ΑN
       Transgenic models of inflammatory disease
Duff, Gordon W., Sheffield, UNITED KINGDOM
Nicklin, Martin, Sheffield, UNITED KINGDOM
ΤI
IN
        Interleukin Genetics Inc., Waltham, MA, United States (U.S. corporation)
PΑ
                                  20020820
        US 6437216
PΙ
                             в1
                     19990527
       wo 9925857
ΑI
       US 2001-647826
                                  20010312 (9)
       WO 1998-US24287
                                  19981113
                                  20010312 PCT 371 date
PRAI
        GB 1997-23835
                              19971113
       Utility
DT
FS
        GRANTED
LN.CNT 3230
INCL
        INCLM: 800/021.000
        INCLS: 800/018.000; 800/003.000; 435/320.100; 435/325.000; 536/023.100
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NCL
        NCLM:
                 800/021.000
                 435/320.100; 435/325.000; 536/023.100; 800/003.000; 800/018.000
IC
         ICM: C12N015-00
         800/3; 800/8; 800/21; 800/18; 435/320.1; 435/325; 536/23.1
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 262 OF 297 USPATFULL ON STN
L3
         2002:192063 USPATFULL
AN
         Modulators of beta- ***amyloid***
                                                       peptide aggregation comprising
TI
         D-amino acids
         Finders, Mark A., Cambridge, MA, UNITED STATES
IN
         Gefter, Malcolm L., Lincoln, MA, UNITED STATES Musso, Gary, Hopkinton, MA, UNITED STATES
         Signer, Ethan R., Cambridge, MA, UNITED STATES
         Wakefield, James, Brookline, MA, UNITED STATES
         Molineaux, Susan, Brookline, MA, UNITED STATES
         Chin, Joseph, Salem, MA, UNITED STATES
         Lee, Jung-Ja, Wayland, MA, UNITED STATES
         Kelley, Michael, Arlington, MA, UNITED STATES
         Komar-Panicucci, Sonja, Bedford, MA, UNITED STATES
         Arico-Muendel, Christopher C., Watertown, MA, UNITED STATES
         Phillips, Kathryn, Marlborough, MA, UNITED STATES
Hayward, Neil J., North Grafton, MA, UNITED STATES
         Praecis Pharmaceuticals Inc. (U.S. corporation)
PA
                                       20020801
PΙ
         us 2002103134
                                Α1
         us 6689752
                                 В2
                                       20040210
         us 2001-895443
                                Α1
                                       20010629 (9)
AΙ
        Continuation of Ser. No. US 1999-356931, filed on 19 Jul 1999, PATENTED Continuation of Ser. No. US 1997-920162, filed on 27 Aug 1997, PATENTED Continuation-in-part of Ser. No. US 1995-548998, filed on 27 Oct 1995, ABANDONED Continuation-in-part of Ser. No. US 1996-616081, filed on 14 Mar 1996, ABANDONED Continuation-in-part of Ser. No. US 1996-703675, filed on 27 Aug 1996, PATENTED Continuation-in-part of Ser. No. US
RLI
         1997-897342, filed on 21 Jul 1997, ABANDONED
DT
         Utility
FS
         APPLICATION
LN.CNT 2990
INCL
         INCLM: 514/016.000
         INCLS: 514/017.000; 530/329.000; 530/330.000
NCL
         NCLM:
                  514/016.000
                  424/009.100; 424/009.420; 436/501.000; 514/017.000; 514/018.000; 530/329.000; 530/330.000; 530/345.000
         NCLS:
IC
         ICM: A61K038-08
         ICS: C07K007-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 263 OF 297 USPATFULL on STN
L3
         2002:191516 USPATFULL
ΑN
         Diagnostics and therapeutics for ocular disorders
TI
         Hageman, Gregory S., Coralville, IA, UNITED STATES
IN
         Mullins, Robert F., Coralville, IA, UNITED STATES US 2002102581 A1 20020801
PΙ
         us 2001-949261
                                 Α1
                                       20010906 (9)
AΙ
         Continuation-in-part of Ser. No. US 2000-510230, filed on 22 Feb 2000,
RLI
         PENDING Continuation-in-part of Ser. No. US 2001-845745, filed on 30 Apr
         2001, PENDING
         US 1999-120822P
                                  19990219 (60)
PRAI
         US 1999-120668P
                                  19990219 (60)
         US 1999-123052P
                                  19990305 (60)
         US 2000-200698P
                                  20000429 (60)
DT
         Utility
FS
         APPLICATION
LN.CNT 5644
         INCLM: 435/006.000
INCL
         INCLS: 435/007.200; 435/040.500
NCL
                  435/006.000
         NCLM:
                  435/007.200; 435/040.500
         NCLS:
IC
         [7]
         ICM: C12Q001-68
         ICS: G01N033-53; G01N033-567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
       ANSWER 264 OF 297 USPATFULL ON STN
         2002:188397 USPATFULL
AN
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```
Nucleic acid molecules that bind prion proteins and processes for the
TI
       production thereof
IN
       Winnacker, Ernst-Ludwig, Dall'Armistrasse 41a, Munchen D-80638, GERMANY,
        FEDERAL REPUBLIC OF
       Weiss, Stefan, Blutenstrasse 20, Munchen D-80799, GERMANY, FEDERAL
       REPUBLIC OF
       Famulok, Michael, Schmaedelstrasse 28, Munchen D-81245, GERMANY, FEDERAL REPUBLIC OF
                                   20020730
PI
       us 6426409
                     19970501
       wo 9715685
       US 1998-51962
                                   19981002 (9)
ΑI
       WO 1996-EP4671
                                   19961025
                                   19981002
                                               PCT 371 date
PRAI
        EP 1995-116890
                               19951026
DT
       Utility
        GRANTED
FS
LN.CNT 1047
INCL
        INCLM: 536/023.100
        INCLS: 435/320.100
                536/023.100
NCL
        NCLM:
        NCLS: 435/320.100
        [7]
IC
        ICM: C12N015-11
EXF
        514/44; 435/6; 435/320.1; 536/23.1
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 265 OF 297 USPATFULL ON STN
ΑN
        2002:185606
                      USPATFULL
        Rapid identification of conditions, compounds, or compositions that
TI
        inhibit, prevent, induce, modify, or reverse transitions of physical
ΙN
        Levinson, Douglas, Sherborn, MA, UNITED STATES
PΙ
        US 2002098518
                             Α1
                                   20020725
ΑI
        us 2001-994585
                                   20011127 (9)
                             Α1
PRAI
        US 2000-253629P
                               20001128 (60)
        Utility
DT
FS
        APPLICATION
LN.CNT 3080
        INCLM: 435/007.100
INCL
        INCLS: 435/287.200
               435/007.100
NCL
        NCLM:
        NCLS: 435/287.200
IC
        [7]
        ICM: G01N033-53
        ICS: C12M001-34
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 266 OF 297 USPATFULL ON STN
L3
        2002:185265 USPATFULL
AN
        Modulators of
                          ***amyloid***
ΤI
                                            aggregation
        Findeis, Mark A., Cambridge, MA, UNITED STATES
Benjamin, Howard, Lexington, MA, UNITED STATES
IN
        Garnick, Marc B., Brookline, MA, UNITED STATES
        Gefter, Malcolm L., Lincoln, MA, UNITED STATES
        Hundal, Arvind, Brighton, MA, UNITED STATES
        Kasman, Laura, Athens, GA, UNITED STATES
        Musso, Gary, Hopkinton, MA, UNITED STATES
        Signer, Ethan R., Cambridge, MA, UNITED STATES Wakefield, James, Brookline, MA, UNITED STATES
       Reed, Michael J., Marietta, GA, UNITED STATES
Praecis Pharmaceuticals, Inc. (U.S. corporation)
US 2002098173 A1 20020725
PA
PΙ
ΑI
        US 2001-972475
                                   20011004 (9)
                             Α1
        Continuation of Ser. No. US 1996-617267, filed on 14 Mar 1996, PATENTED Continuation-in-part of Ser. No. US 1995-475579, filed on 7 Jun 1995,
RLI
        PATENTED Continuation-in-part of Ser. No. US 1995-404831, filed on 14
        Mar 1995, PATENTED Continuation-in-part of Ser. No. US 1995-548998,
        filed on 27 Oct 1995, ABANDONED
DT
        Utility
FS
        APPLICATION
LN.CNT 4009
INCL
        INCLM: 424/094.300
        INCLS: 435/226.000
NCL
               424/094.300
        NCLM:
        NCLS:
                435/226.000
IC
        [7]
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ICM: A61K038-54
       ICS: C12N009-64
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 267 OF 297 USPATFULL on STN
L3
ΑN
       2002:172561 USPATFULL
       Methods for diagnosing a neurodegenerative condition
TI
       Goldstein, Lee E., Marblehead, MA, UNITED STATES
IN
       Chylack, Leo T., JR., Duxbury, MA, UNITED STATES Bush, Ashley Ian, Somerville, MA, UNITED STATES US 2002091321 A1 20020711
PΙ
                                  20010821 (9)
       us 2001-935126
                            Α1
ΑI
PRAI
       US 2000-226590P
                             20000821 (60)
       Utility
DT
       APPLICATION
FS
LN.CNT 1760
        INCLM: 600/476.000
INCL
       INCLS: 356/300.000
NCL
       NCLM:
               600/476.000
       NCLS:
               356/300.000
        [7]
IC
       ICM: A61B006-00
     ANSWER 268 OF 297 USPATFULL on STN
L3
AN
       2002:165218 USPATFULL
       Recombinant antibodies specific for beta- ***amyloid***
                                                                        ends. DNA
TI
        encoding and methods of use thereof
IN
       Chain, Daniel G., Old Katamon, ISRAEL
       Mindset Biopharmaceuticals (USA), New York, NY (U.S. corporation)
PA
       us 2002086847
                                  20020704
PΙ
                            Α1
       us 2001-975932
                                  20011015 (9)
ΑI
                            Α1
       Division of Ser. No. US 1999-402820, filed on 12 Oct 1999, PENDING A 371
RLI
       of International Ser. No. WO 1998-US6900, filed on 9 Apr 1998, UNKNOWN
PRAI
       US 1997-41850P
                             19970409 (60)
DT
       Utility
       APPLICATION
FS
LN.CNT 1764
INCL
        INCLM: 514/044.000
       INCLS: 424/146.100
NCL
               514/044.000
       NCLM:
       NCLS: 424/146.100
IC
        [7]
        ICM: A61K048-00
        ICS: A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 269 OF 297 USPATFULL ON STN
ΑN
        2002:152685 USPATFULL
        Compositions and methods for advanced glycosylation endproduct-mediated
TI
        modulation of amyloidosis
IN
       Vitek, Michael P., 205 Park Knoll La., Apex, NC, United States 27502
        Cerami, Anthony, Ram Island Dr., Shelter Island, NY, United States
        Bucala, Richard J., 504 E. 63rd St. Apt. 33-0, New York, NY, United
       States
       Ulrich, Peter C., 148 DeWolf Rd., Old Tappan, NJ, United States 07675
        Vlassara, Helen, Ram Island Dr., Shelter Island, NY, United States
        11964
        Zhang, Xini, 150 Fairhaven Dr. Apt. D1, Jericho, NY, United States
        117534)
PΙ
        us 6410598
                                  20020625
                            В1
ΑI
        US 1995-477364
                                  19950607 (8)
        Continuation-in-part of Ser. No. US 1995-457169, filed on 1 Jun 1995
RLI
       Continuation-in-part of Ser. No. WO 1995-US1380, filed on 2 Feb 1995 Continuation-in-part of Ser. No. US 1994-311768, filed on 23 Sep 1994,
        now abandoned Continuation of Ser. No. US 1994-191579, filed on 3 Feb
        1994, now abandoned
DT
        Utility
FS
        GRANTED
LN.CNT 2202
INCL
        INCLM: 514/632.000
        INCLS:
               514/634.000; 514/020.000; 514/229.800; 514/331.000
NCL
        NCLM:
               514/632.000
               514/020.000; 514/229.800; 514/331.000; 514/634.000
       NCLS:
IC
        [7]
        ICM: A01N037-52
```

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ICS: A61K031-155
       514/632; 514/634; 514/400; 514/562; 514/866; 514/20; 514/45; 514/229.8;
EXF
       514/331
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 270 OF 297 USPATFULL ON STN
L3
       2002:129731 USPATFULL
AN
       Methods of detection of amyloidogenic proteins
TI
       Krishnamurthy, Girija, Chestnut Ridge, NY, United States
IN
       American Cyanamid Company, Madison, NY, United States (U.S. corporation) US 6399314 B1 20020604
PA
PΙ
       us 1999-474970
                                 19991229 (9)
ΑI
DT
       Utility
FS
       GRANTED
LN.CNT 1359
       INCLM: 435/007.100
INCL
       INCLS: 514/001.000; 514/002.000; 530/387.100
               435/007.100
NCL
               514/001.000; 514/002.000; 530/387.100
       NCLS:
        [7]
IC
        ICM: G01N033-53
        ICS: A01N061-00; A61K031-00; C07K016-00
        514/1; 514/2; 435/7.1; 530/387.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 271 OF 297 USPATFULL ON STN
        2002:129536 USPATFULL
ΑN
       Chemokine--glycosaminoglycan complexes and their use in treating or
TI
        preventing receptor mediated diseases
       Devico, Anthony L., Alexandria, VA, United States
IN
       Lewis, George K., Baltimore, MD, United States
Burns, Jennifer M., Baltimore, MD, United States
       Gallo, Robert, Bethesda, MD, United States
University of Maryland Biotechnology Institute, Baltimore, MD, United
PA
        States (U.S. corporation)
        us 6399078
                                  20020604
PΙ
        US 1999-323719
                                  19990601 (9)
AΤ
        US 1998-87436P
                             19980601 (60)
PRAI
        Utility
DT
        GRANTED
FS
LN.CNT 2604
INCL
        INCLM: 424/278.100
        INCLS: 424/185.100; 424/279.100; 514/002.000; 514/056.000; 514/059.000;
               514/885.000
               424/278.100
NCL
        NCIM:
               424/185.100; 424/279.100; 514/002.000; 514/056.000; 514/059.000;
        NCLS:
               514/885.000
IC
        [7]
        ICM: A61K047-00
        ICS: A61K039-00; A61K045-00; A61K038-00; A61K031-727
        514/2; 514/56; 514/59; 514/885; 424/278.1; 424/185.1; 424/279.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 272 OF 297 USPATFULL on STN
L3
        2002:127595 USPATFULL
AN
TI
        Transgenic animal and methods
        Nilsson, Lars, Tampa, FL, UNITED STATES
IN
        Potter, Huntington, Tampa, FL, UNITED STATES
        Arendash, Gary W., Lutz, FL, UNITED STATES
        us 2002066117
                                  20020530
PΙ
                            Α1
        us 2001-903993
                                  20010713
ΑI
                            Α1
PRAI
        US 2000-218054P
                             20000713 (60)
        Utility
DT
FS
        APPLICATION
LN.CNT
       1704
        INCLM: 800/018.000
INCL
        INCLS: 435/354.000; 800/009.000
NCL
               800/018.000
               435/354.000; 800/009.000
        NCLS:
IC
        [7]
        ICM: A01K067-027
        ICS: C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 273 OF 297 USPATFULL ON STN
AN
        2002:108862 USPATFULL
```

```
Catalytic monoclonal antibodies with protease activity for selective
TI
       lysis of protein component of plaques aggregates pathological conditions
       Trasciatti, Silvia, Pisa, ITALY
IN
       Rosini, Sergio, Pisa, ITALY
       Abiogen Pharma S.p.A., Pisa, ITALY (non-U.S. corporation)
PA
                                 20020514
PΙ
       us 6387674
                            в1
                    19990211
       wo 9906066
       us 2000-463724
                                 20000214 (9)
AT
       wo 1998-EP4706
                                 19980728
                                 20000131 PCT 371 date
                             19970730
       IT 1997-MI1826
PRAI
       Utility
DT
FS
       GRANTED
LN.CNT 488
       INCLM: 435/188.500
INCL
       INCLS: 435/346.000; 424/094.100; 530/324.000
       NCLM: 435/188.500
NCL
       NCLS:
              424/094.100; 435/346.000; 530/324.000
IC
        [7]
       ICM: C12N009-00
       425/188.5; 424/94.1; 530/324; 435/346
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 274 OF 297 USPATFULL ON STN
L3
ΑN
       2002:78466 USPATFULL
       METHOD FOR MEASURING THE ASSOCIATION OF SUBSTRUCTURES OF PATHOLOGICAL
TI
       PROTEIN DEPOSITIONS
       RIESNER, DETLEV, DORMAGEN, GERMANY, FEDERAL REPUBLIC OF
IN
       POST, KARIN, DUSSELDORF, GERMANY, FEDERAL REPUBLIC OF
       SCHAEFER, OLIVER, ESSEN, GERMANY, FEDERAL REPUBLIC OF PITSCHKE, MARTIN, VELBERT, GERMANY, FEDERAL REPUBLIC OF EIGEN, MANFRED, GOETTINGEN, GERMANY, FEDERAL REPUBLIC OF
       BIESCHKE, JAN, GOETTINGEN, GERMANY, FEDERAL REPUBLIC OF
       US 2002042121
                                 20020411
PT
                            A1
       us 6498017
                                  20021224
                            B2
       us 2000-508959
                                  20000522 (9)
ΑI
                            Α1
       WO 1998-EP5958
                                  19980918
       DE 1997-19741486
                             19970919
PRAI
       DE 1997-19752712
                             19971128
       DE 1998-19818917
                             19980428
DT
       Utility
        APPLICATION
FS
LN.CNT 880
       INCLM: 435/230.000
INCL
               435/023.000
NCL
       NCLM:
        NCLS:
               435/004.000
IC
        [7]
        ICM: A61K031-665
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 275 OF 297 USPATFULL on STN
L3
        2002:69781 USPATFULL
AN
TI
        Inhibitors of prion formation
IN
        Prusiner, Stanley B., San Francisco, CA, United States
        Cohen, Fred E., San Francisco, CA, United States
        James, Thomas L., Nicasio, CA, United States
        Kaneko, Kiyotoshi, Kodaira, JAPAN
       The Regents of the University of California, Oakland, CA, United States
PA
        (U.S. corporation)
       ùs 6365359
US 1999-439921
PΙ
                            в1
                                  20020402
ΑI
                                  19991112 (9)
        Continuation-in-part of Ser. No. US 1997-868162, filed on 2 Jun 1997
RLI
        now patented, Pat. No. US 5962669 Continuation-in-part of Ser. No. US
        1998-76606, filed on 12 May 1998
DT
        Utility
        GRANTED
FS
LN.CNT 1443
INCL
        INCLM: 435/007.100
        INCLS: 574/002.000; 530/350.000
NCL
               435/007.100
        NCLM:
       NCLS:
               514/002.000; 530/350.000; 702/019.000
IC
        [7]
        ICM: G01N033-53
        ICS: C07K014-00
        530/350; 435/69.1; 435/252.3; 435/320.1; 574/2
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

```
L3
     ANSWER 276 OF 297 USPATFULL ON STN
ΑN
        2002:8196 USPATFULL
       Assays and methods of diagnosis and treatment based on use of sodium
TI
        channels as targets for
                                    ***amyloid***
                                                     beta or its aggregates
ΙN
       Lee, Kai S., Portage, MI, UNITED STATES
        Sun, Xiao-Dong, Portage, MI, UNITED STATES
        Taylor, Bruce M., Kalamazoo, MI, UNITED STATES
       Epps, Dennis E., Portage, MÍ, UNITED STATES Buhl, Allen E., Portage, MI, UNITED STATES US 2002004194 Al 20020110
PΙ
       us 6589747
                            В2
                                  20030708
                                  20001221 (9)
       us 2000-742633
ΑI
                            Α1
       US 1999-172032P
                             19991223 (60)
PRAI
       Utility
DT
       APPLICATION
FS
LN.CNT 1748
INCL
        INCLM: 435/004.000
        INCLS: 514/001.000
               435/007.100
NCL
       NCLM:
               435/004.000; 435/354.000; 435/368.000; 435/375.000
       NCLS:
IC
        [7]
        ICM: C12Q001-00
        ICS: A61K031-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 277 OF 297 USPATFULL ON STN
L3
AN
        2002:4224 USPATFULL
TI
       Novel breakers of advanced glycation endproducts
       Rahbar, Samuel, Encino, CA, UNITED STATES
City of Hope, Duarte, CA (U.S. corporation)
ΙN
PA
PΙ
       us 2002002203
                            A1
                                  20020103
ΑI
       us 2001-825925
                            Α1
                                  20010405 (9)
       Continuation-in-part of Ser. No. US 2000-626859, filed on 27 Jul 2000,
RLI
        PENDING Continuation-in-part of Ser. No. US 2001-800976, filed on 8 Mar
        2001, PENDING Continuation-in-part of Ser. No. US 2000-543703, filed on
        5 Apr 2000, PENDING Continuation-in-part of Ser. No. US 2000-559913,
        filed on 28 Apr 2000, PENDING
                              19990405 (60)
PRAI
        US 1999-127835P
       US 1999-131675P
                             19990429 (60)
       Utility
DT
FS
        APPLICATION
LN.CNT 1057
        INCLM: 514/561.000
INCL
        INCLS: 514/562.000; 514/563.000; 514/568.000; 514/635.000
NCL
               514/561.000
       NCLS:
               514/562.000; 514/563.000; 514/568.000; 514/635.000
IC
        [7]
        ICM: A61K031-196
        ICS: A61K031-195; A61K031-192; A61K031-155
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 278 OF 297 USPATFULL on STN
L3
        2001:218540 USPATFULL
ΑN
ΤI
        Polyhydroxylated aromatic compounds for the treatment of amyloidosis and
                           ***fibril***
        alpha-synuclein
                                          diseases
TN
       Castillo, Gerardo M., Seattle, WA, United States
       Choi, Paula Y., Bothell, WA, United States
             Alan D., Lynnwood, WA, United States
01047032 A1 20011129
       US 2001047032
PΙ
ΑI
       US 2000-748748
                                  20001226 (9)
                            Α1
PRAI
       US 1999-173958P
                             19991230 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT 1536
INCL
       INCLM: 514/453.000
       INCLS: 514/456.000; 514/023.000; 514/643.000; 514/734.000; 514/712.000; 514/027.000; 514/129.000
NCL
               514/453.000
       NCLM:
               514/456.000; 514/023.000; 514/643.000; 514/734.000; 514/712.000;
       NCLS:
               514/027.000; 514/129.000
IC
        [7]
       ICM: A61K031-7042
       ICS: A61K031-70; A61K031-66
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

```
ANSWER 279 OF 297 USPATFULL on STN
L3
AN
        2001:208478 USPATFULL
        Modulators of
                            ***amyloid***
TI
                                               aggregation
        Findeis, Mark A., Cambridge, MA, United States
IN
        Benjamin, Howard, Lexington, MA, United States
        Garnick, Marc B., Brookline, MA, United States
        Gefter, Malcolm L., Lincoln, MA, United States
        Hundal, Arvind, Brighton, MA, United States
        Kasman, Laura, Athens, GA, United States
        Musso, Gary, Hopkinton, MA, United States
Signer, Ethan R., Cambridge, MA, United States
Wakefield, James, Brookline, MA, United States
        Reed, Michael J., Marietta, GA, United States
        Praecis Pharmaceuticals Incorporated, Cambridge, MA, United States (U.S.
PA
        us 6319498
                               в1
                                     20011120
PΙ
        us 1996-617267
                                     19960314 (8)
ΑI
RLI
        Continuation-in-part of Ser. No. US 1995-548998, filed on 27 Oct 1995,
        now abandoned Continuation-in-part of Ser. No. US 1995-475579, filed on 7 Jun 1995, now patented, Pat. No. US 5854215 Continuation-in-part of Ser. No. US 1995-404831, filed on 14 Mar 1995, now patented, Pat. No. US
         5817626
DT
        Utility
FS
        GRANTED
LN.CNT 4293
        INCLM: 424/094.300
INCL
        INCLS: 424/094.610; 435/188.000; 435/206.000; 514/007.000; 514/012.000; 514/021.000; 530/307.000; 530/324.000; 530/345.000; 530/359.000; 530/382.000; 530/394.000; 530/402.000; 530/410.000
NCL
        NCLM:
                 424/094.300
                 424/094.610; 435/188.000; 435/206.000; 514/007.000; 514/012.000; 514/021.000; 530/307.000; 530/324.000; 530/345.000; 530/359.000; 530/382.000; 530/394.000; 530/402.000; 530/410.000
        NCLS:
TC
         ICM: A61K038-02
         ICS: A61K038-17; C07K001-113; C07K014-47
         514/7; 514/12; 514/21; 435/188; 435/206; 424/94.3; 424/94.61; 530/307
EXF
         530/324; 530/325; 530/326; 530/345; 530/350; 530/359; 530/382; 530/394;
         530/402; 530/410
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 280 OF 297 USPATFULL on STN
L3
         2001:202588 USPATFULL
AN
         Cyclosporin a conjugates and uses therefor
TT
         Rich, Daniel H., Madison, WI, United States
IN
         Solomon, Michael E., Arlington, MA, United States
         Wisconsin Alumni Research Foundation, Madison, WI, United States (U.S.
PA
         corporation)
PΙ
         us 6316405
                                В1
                                      20011113
         US 1999-242724
                                      19990222 (9)
ΑI
         wo 1998-us17544
                                      19980825
                                                  PCT 371 date
                                      19990222
                                                  PCT 102(e) date
                                      19990222
                                 19970826 (60)
PRAI
         US 1997-57751P
         Utility
DT
FS
         GRANTED
LN.CNT 2215
         INCLM: 514/009.000
INCL
         INCLS: 514/002.000; 514/014.000; 514/012.000; 435/007.100; 530/317.000;
                 530/326.000; 530/327.000
         NCLM:
                 514/009.000
NCL
                 435/007.100; 514/002.000; 514/012.000; 514/014.000; 530/317.000;
         NCLS:
                 530/326.000; 530/327.000
IC
         [7]
         ICM: A61K038-00
         ICS: A61K038-12; C07K016-00; C07K017-00
         514/2; 514/9; 514/14; 514/12; 435/7.1; 530/317; 530/326; 530/327
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 281 OF 297 USPATFULL on STN
ΑN
         2001:179063 USPATFULL
         Modulators of .beta.- ***amyloid***
                                                        peptide aggregation comprising
TI
         D-amino acids
IN
         Findeis, Mark A., Cambridge, MA, United States
         Gefter, Malcolm L., Lincoln, MA, United States
         Musso, Gary, Hopkinton, MA, United States
```

```
Signer, Ethan R., Cambridge, MA, United States Wakefield, James, Brookline, MA, United States
        Molineaux, Susan, Brookline, MA, United States
        Chin, Joseph, Salem, MA, United States
        Lee, Jung-Ja, Wayland, MA, United States
        Kelley, Michael, Arlington, MA, United States
        Komar-Panicucci, Sonja, Bedford, MA, United States
        Arico-Muendel, Christopher C., Watertown, MA, United States
        Phillips, Kathryn, Marlborough, MA, United States
Hayward, Neil J., North Grafton, MA, United States
        Praecis Pharmaceuticals, Inc., Waltham, MA, United States (U.S.
         corporation)
         us 6303567
                                 в1
                                       20011016
        us 1996-703675
                                        19960827 (8)
         Continuation-in-part of Ser. No. US 1995-404831, filed on 14 Mar 1995,
RLI
         now patented, Pat. No. US 5817626 Continuation-in-part of Ser. No. US
         1995-475579, filed on 7 Jun 1995, now patented, Pat. No. US 5854215
         Continuation-in-part of Ser. No. US 1995-548998, filed on 27 Oct 1995
         now abandoned Continuation-in-part of Ser. No. US 1996-616081, filed on
         14 Mar 1996, now abandoned
         Utility
         GRANTED
        3512
LN.CNT
         INCLM: 514/002.000
INCL
        INCLS: 514/012.000; 514/013.000; 514/014.000; 514/015.000; 514/016.000; 514/017.000; 514/018.000; 530/300.000; 530/324.000; 530/325.000; 530/326.000; 530/327.000; 530/328.000; 530/329.000; 530/330.000; 530/345.000
                  514/002.000
NCL
         NCLM:
                 514/012.000; 514/013.000; 514/014.000; 514/015.000; 514/016.000; 514/017.000; 514/018.000; 530/300.000; 530/324.000; 530/325.000; 530/326.000; 530/327.000; 530/328.000; 530/329.000; 530/330.000; 530/331.000; 530/345.000
         NCLS:
         ĪCM: A61K038-06
         ICS: A61K038-07; A61K038-08; A61K038-10
         530/300; 530/324; 530/325; 530/326; 530/327; 530/328; 530/329; 530/330;
EXF
         530/331; 530/345; 514/2; 514/12; 514/13; 514/14; 514/15; 514/16; 514/17;
         514/18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 282 OF 297 USPATFULL ON STN 2001:136629 USPATFULL
         Modulators of .beta.- ***amyloid***
                                                           peptide aggregation comprising
         D-amino acids
         Findeis, Mark A., Cambridge, MA, United States
         Gefter, Malcolm L., Lincoln, MA, United States
         Musso, Gary, Hopkinton, MA, United States
         Signer, Ethan R., Cambridge, MA, United States
Wakefield, James, Brookline, MA, United States
         Molineaux, Susan, Brookline, MA, United States
Chin, Joseph, Salem, MA, United States
Lee, Jung-Ja, Wayland, MA, United States
         Kelley, Michael, Arlington, MA, United States
Komar-Panicucci, Sonja, Bedford, MA, United States
         Arico-Muendel, Christopher C., Watertown, MA, United States
         Phillips, Kathryn, Marlborough, MA, United States
         Hayward, Neil J., North Grafton, MA, United States
         Praecis Pharmaceuticals, Inc., Waltham, MA, United States (U.S.
         corporation)
         us 6277826
                                  в1
                                        20010821
         us 1999-356931
                                        19990719 (9)
         Continuation-in-part of Ser. No. US 1996-703675, filed on 27 Aug 1996 Continuation of Ser. No. US 1997-920162, filed on 27 Aug 1997, now
RLI
         patented, Pat. No. US 5985242, issued on 16 Nov 1999
          Utility
         GRANTED
LN.CNT 2798
INCL
         INCLM: 514/017.000
         INCLS: 436/501.000; 514/018.000; 530/330.000; 530/331.000
NCL
         NCLM:
                  514/017.000
                  436/501.000; 514/018.000; 530/330.000; 530/331.000
          NCLS:
          ICM: A61K038-06
          ICS: A61K038-07; A61K038-08; C07K005-10; C07K007-06
          530/330; 530/331; 530/345; 514/17; 514/18; 436/501; 424/9.1; 424/9.42;
EXF
```

PA

ΑI

DT

FS

L3 ΑN

TI

IN

PA

PΙ

AΤ

DT

FS

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424/9.45
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 283 OF 297 USPATFULL on STN
L3
        2001:105396 USPATFULL
ΑN
        PEPTIDES USED AS AGONISTS AND/OR INHIBITORS OF
                                                                ***AMYLOID***
TT
        FORMATION AND CYTOTOXICITY AND ALSO FOR USE IN ALZHEIMER'S DISEASE, IN
        TYPE II DIABETES MELLITUS AND IN SPONGIFORM ENCEPHALOPHATHIES
        KAPURNIOTU, AFRODITI, TUBINGEN, Germany, Federal Republic of BERNHAGEN, JURGEN, TUBINGEN, Germany, Federal Republic of
IN
        HERWIG, BRUNNER, STUTTGART, Germany, Federal Republic of
        US 2001007015
                                   20010705
PΙ
                             Α1
                              В2
                                    20020319
        us 6359112
        us 1998-97194
                             Α1
                                    19980612 (9)
AΙ
        DE 1997-19725619
                               19970617
PRAI
        Utility
DT
        APPLICATION
FS
LN.CNT 352
        INCLM: 530/300.000
INCL
                530/326.000
NCL
        NCLM:
                530/327.000; 530/328.000; 530/329.000; 530/330.000; 530/331.000
        NCLS:
IC
        [7]
        ICM: A61K038-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 284 OF 297 USPATFULL ON STN
L3
        2001:67794 USPATFULL
ΑN
        Human respiratory syncytial virus peptides with antifusogenic and
TI
        antiviral activities
        Barney, Shawn O'Lin, Cary, NC, United States
IN
        Lambert, Dennis Michael, Cary, NC, United States
        Petteway, Stephen Robert, Cary, NC, United States
        Trimeris, Inc., Durham, NC, United States (U.S. corporation)
PA
PΙ
        US 6228983
                                    20010508
        US 1995-485264
ΑI
                                    19950607 (8)
        Division of Ser. No. US 1995-470896, filed on 6 Jun 1995
RLI
        Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994 Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994 Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993, now
        patented, Pat. No. US 5464933
DT
        Utility
        Granted
FS
LN.CNT
        32166
INCL
        INCLM: 530/300.000
        INCLS: 530/324.000; 530/325.000; 530/326.000; 424/211.100; 424/186.100
NCL
                530/300.000
                424/186.100; 424/211.100; 530/324.000; 530/325.000; 530/326.000
        NCLS:
IC
        [7]
        ICM: A61K038-00
        530/350; 530/324-329; 530/300; 424/211.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 285 OF 297 USPATFULL on STN
13
        2001:18597 USPATFULL
ΑN
         alpha.-synuclein super-mutants accelerate .alpha.-synuclein aggregation.
TI
        Biere, Anja Leona, Thousand Oaks, CA, United States
IN
        Citron, Martin, Thousand Oaks, CA, United States
        Amgen Inc., Thousand Oaks, CA, United States (U.S. corporation)
PA
        us 6184351
PΙ
                                    20010206
                              В1
        us 1999-405035
                                    19990924 (9)
ΑI
        US 1998-101862P
PRAI
                               19980925 (60)
        Utility
DT
FS
        Granted
LN.CNT 622
INCL
        INCLM: 530/350.000
        INCLS: 424/009.100; 435/018.000; 435/071.000; 435/004.000; 530/252.000; 800/008.000; 514/012.000; 514/021.000; 436/501.000; 436/086.000; 930/530.000; 536/023.100
                530/350.000
NCL
        NCLM:
                424/009.100; 435/004.000; 435/018.000; 436/086.000; 436/501.000;
        NCLS:
                536/023.100; 800/008.000; 930/DIG.530
IC
        [7]
        ICM: C07K014-435
        424/9.1; 435/18; 435/71; 435/4; 530/350; 530/252; 800/8; 514/12; 514/21;
EXF
        436/501; 436/86; 930/530
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

```
L3
     ANSWER 286 OF 297 USPATFULL on STN
       2001:10934 USPATFULL
AN
       Regulation of alzheimer's disease proteins and uses thereof
ΤI
ΙN
       Wilson, David M., West Roxbury, MA, United States
       Binder, Lester I., Graystake, IL, United States
       University of Alabama at Birmingham Research Foundation, Birmingham, AL,
PA
       United States (U.S. corporation)
PΙ
       us 6177472
                           в1
                                20010123
       US 1998-179777
ΑI
                                19981027 (9)
       Continuation of Ser. No. US 689395, now abandoned
RLI
PRAI
       US 1995-602023P
                            19950808 (60)
       Utility
DT
FS
       Granted
LN.CNT 1646
       INCLM: 514/646.000
INCL
       INCLS: 514/731.000; 514/688.000; 514/692.000
NCL
       NCLM:
              514/646.000
       NCLS:
              514/688.000; 514/692.000; 514/731.000
IC
       [7]
       ICM: A61K031-135
       ICS: A61K031-05; A61K031-12; A61K031-125
EXF
       514/646; 514/731; 514/688; 514/692
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 287 OF 297 USPATFULL on STN
       2000:28107 USPATFULL
ΑN
                       ***nucleating***
ΤI
       .beta.-sheet
                                           peptidomimetics
IN
       Kelly, Jeffery W., 213 Chimney Hill Cir., College Station, TX, United
       States
       US 6034211
PΙ
                                20000307
       US 1996-664379
ΑI
                                19960614 (8)
PRAI
       US 1996-18925P
                            19960603 (60)
       Utility
DT
FS
       Granted
LN.CNT 1635
INCL
       INCLM: 530/317.000
       INCLS: 546/101.000
              530/317.000
NCL
       NCLM:
       NCLS:
              546/101.000
IC
       [7]
       ICM: C07K005-00
       548/427; 546/101; 514/323-328; 530/317
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 288 OF 297 USPATFULL on STN
ΑN
       2000:12606 USPATFULL
TI
       Method for identifying substances that affect the interaction of a
       presenilin-1-interacting protein with a mammalian presenilin-1 protein
       St. George-Hyslop, Peter H., Toronto, Canada
IN
       Rommens, Johanna M., Toronto, Canada
       Fraser, Paul E., Toronto, Canada
Research and Development Limited Partnership, Toronto, Canada (non-U.S.
PA
       corporation)
PΙ
       us 6020143
                                20000201
ΑI
       US 1997-888077
                                19970703 (8)
RLI
       Continuation-in-part of Ser. No. US 1996-592541, filed on 26 Jan 1996
PRAI
       US 1996-21673P
                            19960705 (60)
                            19960712 (60)
       US 1996-21700P
       US 1996-29895P
                            19961108 (60)
       US 1997-34590P
                            19970102 (60)
       Utility
DT
FS
       Granted
LN.CNT 7847
INCL
       INCLM: 435/007.100
       INCLS: 530/350.000
NCL
       NCLM:
              435/007.100
       NCLS: 530/350.000
IC
       [6]
       ICM: C12Q001-00
       ICS: C07K014-00
       435/7.1; 530/350
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
     ANSWER 289 OF 297 USPATFULL ON STN
```

AN

1999:145942 USPATFULL

```
Modulators of .beta. - ***amyloid***
                                                               peptide aggregation comprising
TI
         D-amino acids
ΙN
         Findeis, Mark A., Cambridge, MA, United States
         Gefter, Malcolm L., Lincoln, MA, United States
         Musso, Gary, Hopkinton, MA, United States
         Signer, Ethan R., Cambridge, MA, United States Wakefield, James, Brookline, MA, United States Molineaux, Susan, Brookline, MA, United States Chin, Joseph, Salem, MA, United States
         Lee, Jung-Ja, Wayland, MA, United States
         Kelley, Michael, Arlington, MA, United States
         Komar-Panicucci, Sonja, Bedford, MA, United States
         Arico-Muendel, Christopher C., Watertown, MA, United States
         Phillips, Kathryn, Marlborough, MA, United States
         Hayward, Neil J., North Grafton, MA, United States
         Praecis Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.
PA
         corporation)
         us 5985242
PΙ
                                           19991116
         us 1997-920162
                                           19970827 (8)
ΑI
         Continuation-in-part of Ser. No. US 1995-548998, filed on 27 Oct 1995, now abandoned Ser. No. Ser. No. US 1996-616081, filed on 14 Mar 1996,
RLI
         now abandoned Ser. No. Ser. No. US 1996-703675, filed on 27 Aug 1996 And
         Ser. No. US 1997-897342, filed on 21 Jul 1997, now abandoned
DT
         Utility
         Granted
FS
LN.CNT 3249
INCL
         INCLM: 424/009.100
         INCLS: 424/009.420; 424/009.450; 436/501.000; 514/017.000; 514/018.000; 530/330.000; 530/331.000
                   424/009.100
         NCLM:
NCL
         NCLS:
                   424/009.420; 424/009.450; 436/501.000; 514/017.000; 514/018.000;
                   530/330.000; 530/331.000
IC
          [6]
         ICM: A61K038-06
         ICS: A61K038-07; A61K038-08; C07K007-06
EXF
         530/330; 530/331; 530/345; 514/17; 514/18; 436/501; 424/9.1; 424/9.42;
          424/9.45
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
       ANSWER 290 OF 297 USPATFULL ON STN
         1999:92643 USPATFULL
AN
TI
         Compositions and methods for stimulating
                                                                     ***amvloid***
                                                                                            removal in
         amyloidogenic diseases using advanced glycosylation endproducts
         Vitek, Michael P., East Norwich, NY, United States
Cerami, Anthony, Shelter Island, NY, United States
IN
         Bucala, Richard J., New York, NY, United States
Ulrich, Peter C., Old Tappan, NJ, United States
Vlassara, Helen, Shelter Island, NJ, United States
Zhang, Xini, Jericho, NJ, United States
The Picower Institute For Medical Research, Manhasset, NY, United States
PA
          (U.S. corporation)
         us 5935927
PΙ
                                           19990810
         wo 9520979
                         19950810
         us 1996-501127
ΑI
                                           19960810 (8)
         wo 1995-us1380
                                           19950202
                                           19960810
                                                         PCT 371 date
                                           19960810 PCT 102(e) date
         Continuation-in-part of Ser. No. US 1994-311768, filed on 23 Sep 1994, now abandoned which is a continuation-in-part of Ser. No. US
RLI
         1994-191579, filed on 3 Feb 1994, now abandoned
DT
         Utility
FS
         Granted
LN.CNT 2154
INCL
         INCLM: 514/012.000
         INCLS: 514/023.000; 514/079.000; 514/091.000; 514/095.000; 514/359.000; 514/438.000; 514/439.000; 514/443.000; 514/569.000; 514/642.000; 514/647.000; 548/100.000; 548/121.000; 548/122.000; 530/300.000; 530/322.000; 536/001.110
                   514/012.000
NCL
         NCLM:
                   514/023.000; 514/079.000; 514/091.000; 514/095.000; 514/359.000; 514/438.000; 514/439.000; 514/443.000; 514/569.000; 514/642.000; 514/647.000; 530/300.000; 530/322.000; 536/001.110; 548/100.000;
         NCLS:
                   548/121.000; 548/122.000
IC
         ICM: A61K038-00
         ICS: A61K031-135; A61K031-70
```

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530/300; 530/322; 514/2; 514/647; 514/12; 514/23; 514/569; 514/663; 514/665; 514/79; 514/91; 514/95; 514/359; 514/438; 514/439; 514/443;
EXF
        514/642; 548/100; 548/121; 548/122; 536/1.11
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 291 OF 297 USPATFULL ON STN
L3
        1999:36949 USPATFULL
ΑN
TI
        Engineering oral tissues
IN
        Mooney, David J., Ann Arbor, MI, United States
        Rutherford, Robert B., Ann Arbor, MI, United States
The Regents of the University of Michigan, Ann Arbor, MI, United States
PA
        (U.S. corporation)
        us 5885829
                                    19990323
PΙ
        us 1997-864494
                                    19970528 (8)
ΑI
PRAI
        US 1996-18450P
                               19960528 (60)
        Utility
DT
        Granted
FS
LN.CNT 8001
INCL
        INCLM: 435/325.000
        INCLS: 424/049.000; 424/422.000; 424/435.000; 435/069.500; 435/374.000;
                435/378.000
                435/325.000
NCL
        NCLM:
        NCLS:
                424/049.000; 424/422.000; 424/435.000; 435/069.100; 435/374.000;
                435/378.000
IC
        [6]
        ICM: C12N005-00
        ICS: C12N005-02; C12N005-08; C12N015-09 435/69.1; 435/325; 435/69.4; 435/69.5; 435/69.6; 435/365; 435/393
EXF
        435/366; 435/374; 435/378; 422/422; 422/423; 422/424; 422/435; 422/49; 422/85.1; 422/93.7; 514/12; 514/21
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 292 OF 297 USPATFULL on STN
        1998:162480 USPATFULL
ΑN
        Modulators of .beta.- ***amyloid***
                                                      peptide aggregation
TI
        Findeis, Mark A., Cambridge, MA, United States
IN
        Benjamin, Howard, Lexington, MA, United States
        Garnick, Marc B., Brookline, MA, United States
        Gefter, Malcolm L., Lincoln, MA, United States
        Hundal, Arvind, Brighton, MA, United States
        Kasman, Laura, Athens, GA, United States
Musso, Gary, Hopkinton, MA, United States
Signer, Ethan R., Cambridge, MA, United States
        Wakefield, James, Brookline, MA, United States
        Reed, Michael J., Oak Ridge, TN, United States
        Praecis Pharmaceuticals Incorporated, Cambridge, MA, United States (U.S.
PA
        corporation)
        US 5854215
                                    19981229
PΙ
        US 1995-475579
                                    19950607 (8)
AΙ
        Continuation-in-part of Ser. No. US 1995-404831, filed on 14 Mar 1995
RLI
        Utility
DT
        Granted
FS
LN.CNT 1606
        INCLM: 514/012.000
INCL
        INCLS: 530/324.000; 530/345.000
NCL
                514/012.000
                530/324.000; 530/345.000
        NCLS:
IC
        [6]
        ICM: A61K038-17
        ICS: C07K001-113; C07K014-47
514/12; 530/324; 530/325; 530/326; 530/345
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 293 OF 297 USPATFULL ON STN
L3
AN
        1998:162469 USPATFULL
        A.beta. peptides that modulate .beta.- ***amyloid***
                                                                          aggregation
TI
IN
        Findeis, Mark A., Cambridge, MA, United States
        Benjamin, Howard, Lexington, MA, United States
        Garnick, Marc B., Brookline, MA, United States
        Gefter, Malcolm L., Lincoln, MA, United States
Hundal, Arvind, Brighton, MA, United States
        Kasman, Laura, Athens, GA, United States
        Musso, Gary, Hopkinton, MA, United States
        Signer, Ethan R., Cambridge, MA, United States
        Wakefield, James, Brookline, MA, United States
        Reed, Michael, Marietta, GA, United States
```

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Molineaux, Susan, Brookline, MA, United States
        Kubasek, William, Belmont, MA, United States
        Chin, Joseph, Salem, MA, United States
        Lee, Jung-Ja, Wayland, MA, United States
        Kelley, Michael, Arlington, MA, United States
PA
        Praecis Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.
        corporation)
        us 5854204
us 1996-612785
                                    19981229
PΙ
ΑI
                                     19960314 (8)
        Continuation-in-part of Ser. No. US 1995-404831, filed on 14 Mar 1995
And a continuation-in-part of Ser. No. US 1995-475579, filed on 7 Jun
1995 And a continuation-in-part of Ser. No. US 1995-548998, filed on 27
RLI
        oct 1995
        Utility
DT
FS
        Granted
LN.CNT 4304
        INCLM: 514/002.000
INCL
        INCLS: 514/012.000; 514/014.000; 530/324.000; 530/326.000
                514/002.000
NCL
        NCLM:
                514/012.000; 514/014.000; 530/324.000; 530/326.000
IC
        [6]
        ICM: C07K014-435
        ICS: C07K007-08
EXF
        514/14: 514/12: 514/2: 530/300: 530/324: 530/326: 930/10
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 294 OF 297 USPATFULL on STN
        1998:122377 USPATFULL Modulators of beta- ***amyloid***
AN
ΤI
                                                    peptide aggregation
        Findeis, Mark A., Boston, MA, United States
Benjamin, Howard, Lexington, MA, United States
Garnick, Marc B., Brookline, MA, United States
IN
        Gefter, Malcolm L., Lincoln, MA, United States
        Hundal, Arvind, Brighton, MA, United States
        Kasman, Laura, Athens, GA, United States
        Musso, Gary, Hopkinton, MA, United States
        Signer, Ethan R., Cambridge, MA, United States Wakefield, James, Brookline, MA, United States
        Reed, Michael J., Oak Ridge, TN, United States
PA
        Praecis Pharmaceuticals Incorporated, Cambridge, MA, United States (U.S.
        corporation)
        US 5817626
                                    19981006
PT
        US 1995-404831
ΑI
                                    19950314 (8)
        Utility
DT
FS
        Granted
LN.CNT 1324
INCL
        INCLM: 514/012.000
        INCLS: 530/324.000; 530/326.000; 530/345.000
NCL
        NCLM:
                514/012.000
                530/324.000; 530/326.000; 530/345.000
        NCLS:
IC
        ICM: A61K038-17
        ICS: C07K001-113; C07K014-47
        514/12; 530/324; 530/325; 530/326; 530/345
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L3
      ANSWER 295 OF 297 USPATFULL on STN
AN
        92:94985 USPATFULL
        Method for identifying
                                      ***amyloid***
TI
                                                         protein-extracellular matrix
        protein affinity altering compounds
        Kisilevsky, Robert, Kingston, Canada
Szarek, Walter A., Kingston, Canada
IN
        Narindrasorasak, Suree, Kingston, Canada
        The Upjohn Company, Kalamazoo, MI, United States (U.S. corporation)
PA
PΙ
        us 5164295
                                    19921117
        US 1991-665524
ΑI
                                    19910306 (7)
DT
        Utility
FS
        Granted
LN.CNT 1050
INCL
        INCLM: 435/007.800
        INCLS: 435/007.950; 435/007.930; 435/007.920; 436/501.000
                435/007.800
NCL
        NCLM:
        NCLS:
                435/007.920; 435/007.930; 435/007.950; 436/501.000
IC
        [5]
        ICM: C12Q001-00
        ICS: G01N033-53; G01N033-566
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436/501; 436/503; 435/7.8; 435/7.95; 435/960; 435/7.93; 435/7.92
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 296 OF 297 WPIDS COPYRIGHT 2004 THOMSON DERWENT ON STN
L3
     2000-293557 [26]
ΑN
                         WPIDS
                         DNC C2000-088840
DNN
     N2000-220082
                        ***amyloid***
     Novel synthetic
                                         enhancing composition for inducing
TI
     amyloidosis in a patients affected with Alzheimer's disease, Down's
     syndrome, reactive amyloidosis, Muckel-Wells syndrome, chronic
     hemodialysis, Scrapie.
     B04 D16 P14
DC.
     BOUDREAU, L; KISILEVSKY, R; LEMIEUX, L J
ΙN
     (TOOH) UNIV QUEENS KINGSTON
PA
CYC
PΙ
     CA 2251427
                    A1 19990512 (200026)* EN
                                                 30p
                                                        A61K038-17
     CA 2251427 A1 CA 1998-2251427 19981110
ADT
PRAI US 1998-86912
                       19980527; US 1997-65121
                                                    19971112
IC
     ICM A61K038-17
          A01K067-027; C12Q001-00
     ICS
L3
     ANSWER 297 OF 297 WPIDS COPYRIGHT 2004 THOMSON DERWENT ON STN
     1998-042098 [04]
                         WPIDS
AN
DNC
     C1998-014083
     New N-methylated beta-sheet
                                     ***nucleating***
                                                         peptidomimetics - which
TI
     contain di aryl heterocycle beta-turn mimics and may be used e.g. in
     treatment of amyloidosis.
DC
     B02
IN
     KELLY, J W
PΑ
     (TEXA) UNIV TEXAS A & M SYSTEM; (KELL-I) KELLY J W
CYC
                    A1 19971211 (199804)* EN
PΙ
     wo 9746547
                                                 74p
                                                        C07D307-91
        RW: AT BE CH DE DK EA ES FI FR GB GH GR IE IT KE LS LU MC MW NL OA PT
             SD SE SZ UG
         W: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE
             HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX
             NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN
     AU 9732954
                    A 19980105 (199821)
                                                        C07D307-91
                       20000307 (200019)
                                                        C07K005-00
     US 6034211
                    Α
     WO 9746547 A1 WO 1997-US9512 19970603; AU 9732954 A AU 1997-32954 19970603; US 6034211 A Provisional US 1996-18925P 19960603, US 1996-664379
ADT
     19960614
     AU 9732954 A Based on WO 9746547
FDT
PRAI US 1996-664379
                       19960614; US 1996-18925P
                                                    19960603
     ICM C07D307-91; C07K005-00
          A61K038-04; C07F007-08; C07K001-107; C07K014-00; C07K014-47
=> S L2 AND non-naturally occuring
  14 FILES SEARCHED...
  32 FILES SEARCHED...
  47 FILES SEARCHED...
              1 L2 AND NON-NATURALLY OCCURING
=> D L4
     ANSWER 1 OF 1 USPATFULL on STN
L4
       2004:7310 USPATFULL
ΑN
TI
       Compositions and methods for binding agglomeration proteins
IN
       Grossman, Abraham, New York, NY, UNITED STATES
       Kryukov, Valentine M., New York, NY, UNITED STATES
Zeiler, Brian Neil, Twp. of Washington, NJ, UNITED STATES
       us 2004005543
                                 20040108
PT
                           Α1
       us 2003-343694
                                 20030626 (10)
ΑI
                           Α1
       wo 2002-us1622
                                 20020118
DT
       Utility
·FS
       APPLICATION
LN.CNT 2009
INCL
       INCLM: 435/005.000
       INCLS: 435/006.000; 435/456.000; 435/235.100; 536/023.720
NCL
       NCLM:
               435/005.000
       NCLS:
               435/006.000; 435/456.000; 435/235.100; 536/023.720
IC
       ICM: C12Q001-70
       ICS: C12Q001-68; C07H021-04; C12N007-00; C12N015-86
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

```
=> S L2 AND non-naturally occurring
  14 FILES SEARCHED...
  32 FILES SEARCHED...
  47 FILES SEARCHED...
            100 L2 AND NON-NATURALLY OCCURRING
=> D L5 1-100
      ANSWER 1 OF 100 BIOTECHDS COPYRIGHT 2004 THOMSON DERWENT/ISI on STN
L5
      2000-08192 BIOTECHDS
AN
             ***amyloid***
                                 ***fibrils***
                                                   useful in the manufacture of
TI
       plastic and electronics, or as a drug delivery system, some of which may
       have a hallow core;
                                ***amyloid***
          the uses of a new
                                                  as a plastic
      Dobson C M
ΑU
      Isis-Innovation
PA
LO
      oxford, UK.
ΡI
      wo 2000017328 30 Mar 2000
      wo 1999-GB3133 21 Sep 1999
ΑI
      GB 1999-9927 29 Apr 1999; GB 1998-20555 21 Sep 1998
PRAI
DT
      Patent
      English
LA
      WPI: 2000-283561 [24]
os
L5
     ANSWER 2 OF 100 CAPLUS COPYRIGHT 2004 ACS ON STN
     1997:116498 CAPLUS
AN
DN
      126:113193
                              ***amyloid***
                                                  deposition, use in screening for
TI
     Methods of increasing
      agents for treating amyloidosis, and animal models
TN
     Kisilevsky, Robert; Szarek, Walter; Weaver, Donald; Fraser, Paul; Kong,
PA
     Queen's University At Kingston, Can.; Neurochem, Inc.
     PCT Int. Appl., 27 pp.
50
      CODEN: PIXXD2
DT
      Patent
LA
     English
FAN.CNT 1
                                                APPLICATION NO.
                                                                   DATE
      PATENT NO.
                        KIND DATE
PΙ
     wo 9639129
                         A1
                               19961212
                                               WO 1996-CA374
                                                                   19960606
          W: AL, AM, AU, BB, BG, BR, CA, CN, CZ, EE, FI, GE, HU, IS, JP, KG, KP, KR, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
               IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
               MR, NE, SN, TD, TG
      us 5858326
                               19990112
                                                us 1995-471093
                                                                   19950606
                         Α
                                                CA 1996-2219447
      CA 2219447
                               19961212
                                                                   19960606
                          AA
                                                AU 1996-58896
                               19961224
                                                                   19960606
      AU 9658896
                          Α1
      us 6329356
                               20011211
                                                us 1999-288583
                                                                   19990408
                          в1
                                                us 2001-860255
                                                                   20010517
      us 2001027186
                         Α1
                               20011004
      us 6440952
                          В2
                               20020827
     US 2003027796
                                                US 2002-226613
                          Α1
                               20030206
                                                                   20020823
PRAI US 1995-471093
                               19950606
                          Α
     WO 1996-CA374
                               19960606
                          W
      US 1998-81402P
                               19980410
                          Α3
      us 1999-288583
                               19990408
      US 2001-860255
                          Α1
                               20010517
L5
      ANSWER 3 OF 100 IFIPAT COPYRIGHT 2004 IFI on STN
       10189297 IFIPAT; IFIUDB; IFICDB
ΑN
TI
       THERAPEUTIC AGENTS AND METHODS OF USE THEREOF FOR TREATING AN
       AMYLOIDOGENIC DISEASE; COMPOUND FOR USE IN THE TREATMENT OF ALZHEMIER'S
       AND CREUZFELDT-JACOB DISEASES
IN
       Gefter Malcolm L; Gosselin Michael; Israel David I; Joyal John L
       Praecis Pharmaceuticals Inc (46269)
PA
                        A1 20020919
PΙ
       US 2002133001
ΑI
       us 2001-996357
                             20011127
PRAI
       US 2000-250198P
                             20001129 (Provisional)
                             20001127 (Provisional)
       US 2000-253302P
         2000-257186P
                             20001220 (Provisional)
FI
       us 2002133001
                             20020919
       Utility; Patent Application - First Publication
DT
FS
       CHEMICAL
       APPLICATION
```

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CLMN
         13 Figure(s).
GI
      FIG. 1 depicts a Western blot analysis of COS cell lysates and medium
       harvested from COS cells expressing the Fc region of mouse IgG1 fused to
        amino acid residues 1-40, 1-42, 10-25, 1630, 17-21, or 17-21 (A21L) of P-
      ***amyloid*** with or without an Nterminal triple glycine cap.

FIG. 2 depicts an immunohistochemistry analysis of coronal brain sections from 20-22 week mice transgenic for both the Swedish mutation of
       ***amyloid*** precursor protein and presentilin of mouse IgG1 fused to various segments of P- ***amyloid***, medium from nontransfected COS cells, or anti-beta- ***amyloid*** polyclonal antibody.
      FIG. 3 depicts the synthetic oligonucleotides that were used to assemble
        the synthetic APP/IgG gene. These oligonucleotides contain unique
        restriction endonuclease sites needed for the assembly.
      FIG. 4 is a schematic representation of the pTIg expression vector.
      FIG. 5 is a schematic representation of the assembly of synthetic A beta 1-40 and A beta 1-42, with and without a triple Gly linker group between the tPA propeptide and the beta - ***amyloid*** peptide.
      FIG. 6 depicts the DNA sequence, amino acid composition, and restriction endonuclease recognition sites of the synthetic beta- ***amyloid***
        gene.
      FIG. 7A depicts the sequence of the oligonucleotides used to assemble subfragments of the synthetic beta- ***amyloid*** gene and a compilation of the chimeric beta- ***amyloid*** /IgG1 constructs that
       were made.
      FIG. 7B depicts the sequence of the oligonucleotides used to assemble
        subfragments of the synthetic beta- ***amyloid***
                                                                           gene and a
        compilation of the chimeric beta- ***amyloid*** /IgG1 constructs that
       were made.
                                                                                     ***fibril***
      FIG. 8 is a graph demonstrating that Fc receptor-mediated
        uptake by cells occurs in the presence of either the A beta (1630)-Fc fusion protein or the alpha-beta- ***amyloid*** antibody.
                                                                          antibody.
       FIG. 9 is a graph demonstrating that the A beta (16-30)-Fc fusion protein
        interferes with the binding of soluble betaamyloid peptide to
           ***amyloid***
                                 ***fibrils***
       FIG. 10 is brain section stained with Thioflavin S, demonstrating that
        treatment of an Alzheimer's disease model transgenic mouse with the A
        beta (16-30)-Fc fusion protein results in a decrease in plaque at the
        site of administration.
       FIG. 11 depicts the coding region of the tPA Delta pro/16-30/Fc cDNA
      synthetic gene synthetic gene (SEQ ID NO:11). FIG. 12 depicts the amino acid sequence of the tPA Delta pro/1630/Fc
        fusion protein (SEQ ID NO:12). Annotated functional elements are also
        shown. The A beta (16-30)-Fc protein is set forth herein as SEQ ID NO: 13
L5
      ANSWER 4 OF 100 LIFESCI
                                           COPYRIGHT 2004 CSA on STN
      1999:53833 LIFESCI
ΑN
                                     ***amvloid***
TI
      Methods of increasing
                                                           deposition
ΑU
      Kisilevsky, R.; Szarek, W.; Weaver, D.; Fraser, P.; Kong, X.
      Neurochem, Inc.
US Patent: 5858326; US CLASS: 424/9.2; 424/78.31; 424/78.35; 435/7.8;
CS
50
      435/7.95; 435/7.93; 435/7.92; 530/350; 514/772.4; 800/2...
DT
      Patent
      W3
FS
      English
LA
SL
      English
L5
      ANSWER 5 OF 100 USPATFULL on STN
         2004:70596 USPATFULL
ΑN
TI
         Extracellular matrix and cell adhesion molecules
         Tang, Y Tom, San Jose, CA, UNITED STATES
Yue, Henry, Sunnyvale, CA, UNITED STATES
ΙN
         Azimzai, Yalda, Oakland, CA, UNITED STATES
         He, Ann, San Jose, CA, UNITED STATES
         Lo, Terence P, Foster City, CA, UNITED STATES
         Nguyen, Daniel B, San Jose, CA, UNITED STATES
         Burrill, John D, Redwood City, CA, UNITED STATES
         Marcus, Gregory A, San Carlos, CA, UNITED STATES
         Zingler, Kurt Á, Śan Francisco, CÁ, UNITED STATES
Gandhi, Ameena R, San Francisco, CA, UNITED STATES
         Kearney, Liam, San Francisco, CÁ, UNITED STATES
Burford, Neil, Durham, CT, UNITED STATES
         Yao, Monique G, Carmel, IN, UNITED STATES
```

Chawla, Narinder K, Union City, CA, UNITED STATES Elliott, Vicki S, San Jose, CA, UNITED STATES Arvizu, Chandra S, San Jose, CA, UNITED STATES

```
Baughn, Mariah R, San Leandro, CA, UNITED STATES
        Hafalia, April J A, Santa Clara, CA, UNITED STATES
        Policky, Jennifer L, San Jose, CA, UNITED STATES
        Au-Young, Janice K, Brisbane, CA, UNITED STATES
        Lu, Yan, Mountain View, CA, UNITED STATES
        Borowsky, Mark L, Redwood City, CA, UNITED STATES Lu, Dyung Aina M, San Jose, CA, UNITED STATES
        Ramkumar, Jayalaxmi, Fremont, CA, UNITED STATES
        Yang, Junming, San Jose, CA, UNITED STATES
        Gururajan, Rajagopal, San Jose, CA, UNITED STATES
Warren, Bridget A, Encinitas, CA, UNITED STATES
Gietzen, Kimberly J, San Jose, CA, UNITED STATES
        Xu, Yuming, Mountain View, CA, UNITED STATES
        Kallick, Deborah A, Portola Valley, CA, UNITED STATES
        Lee, Ernestine A, Castro Valley, CA, UNITED STATES Thangavelu, Kavitha, Sunnyvale, CA, UNITED STATES
        Delegeane, Angelo M, Milpitas, CA, UNITED STATES
        Lee, Sally, San Jose, CA, UNITED STATES
        Batra, Sajeev, Oakland, CA, UNITED STATES
Lal, Preetr G., Santa Clara, CA, UNITED STATES
        Khan, Farrah A., Des Plaines, IL, UNITED STATES
        US 2004053824
                               Α1
                                     20040318
        us 2002-312352
                               Α1
                                     20021218 (10)
        wo 2001-US21067
                                     20010629
        Utility
        APPLICATION
LN.CNT 13526
        INCLM: 514/012.000
        INCLS: 435/006.000; 435/069.100; 435/320.100; 435/325.000; 530/350.000;
                 536/023.500; 530/388.220
        NCLM:
                 514/012.000
                435/006.000; 435/069.100; 435/320.100; 435/325.000; 530/350.000;
        NCLS:
                 536/023.500; 530/388.220
        ICM: C07K014-705
        ICS: C12Q001-68; C07H021-04; C12P021-02; C12N005-06; A61K038-17
      ANSWER 6 OF 100 USPATFULL ON STN
        2004:69593 USPATFULL
        Fusion proteins comprising DP-178 and other viral fusion inhibitor
        peptides useful for treating aids
Bolognesi, Dani Paul, Durham, NC, UNITED STATES
                    Thomas James, Durham, NC, UNITED STATES
        Matthews,
        Wild, Carl T., Durham, NC, UNITED STATES
        Barney, Shawn O?apos,Lin, Cary, NC, UNITED STATES
        Lambert, Dennis Michael, Cary, NC, UNITED STATES
        Petteway, Stephen Robert, Cary, NC, UNITED STATES Langlois, Alphonse J., Durham, NC, UNITED STATES Duke University (U.S. corporation)
        Trimeris, Inc. (U.S. corporation) US 2004052820 A1 20040318
        us 2002-267748
                                     20021008 (10)
                               Α1
        Continuation of Ser. No. US 1995-484223, filed on 7 Jun 1995, PENDING
        Division of Ser. No. US 1995-470896, filed on 6 Jun 1995, GRANTED, Pat.
        No. US 6479055 Continuation-in-part of Ser. No. US 1994-360107, filed on
        20 Dec 1994, GRANTED, Pat. No. US 6017536 Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994, GRANTED, Pat. No. US 6440656
        Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993,
        GRANTED, Pat. No. US 5464933
        Utility
        APPLICATION
LN.CNT 40442
        INCLM: 424/208.100
        INCLS: 424/188.100; 530/350.000; 424/204.100; 530/300.000
                424/208.100
        NCLS:
                424/188.100; 530/350.000; 424/204.100; 530/300.000
        [7]
        ICM: A61K039-21
        ICS: C07K014-16; A61K039-12; C07K002-00; C07K004-00; C07K005-00;
        C07K007-00; C07K014-00; C07K016-00; C07K017-00; A61K038-00; C07K001-00
      ANSWER 7 OF 100 USPATFULL ON STN
        2004:44245 USPATFULL
        Nucleic acids encoding DP-178 and other viral fusion inhibitor peptides
        useful for treating aids
```

Bolognesi, Dani Paul, Durham, NC, UNITED STATES

PΙ

ΑI

DT

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INCL

NCL

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AN TI

ΙN

PA

PΙ

ΑI

DT

FS

INCL

NCL

IC

15

ΑN

TI

IN

RLI

```
Matthews, Thomas James, Durham, NC, UNITED STATES
              Wild, Carl T., Durham, NC, UNITED STATES
PA
              Duke University (U.S. corporation)
              US 2004033235
                                                      Α1
                                                                 20040219
PΙ
              us 2003-267682
                                                      Α1
                                                                 20030106 (10)
ΑI
              Continuation of Ser. No. US 1995-484223, filed on 7 Jun 1995, PENDING
RLI
              Division of Ser. No. US 1995-470896, filed on 6 Jun 1995, GRANTED, Pat. No. US 6479055 Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994, GRANTED, Pat. No. US 6017536 Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994, GRANTED, Pat. No. US 6440656 Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993-73028, filed on 7 
               Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993,
               GRANTED, Pat. No. US 5464933
DT
               Utility
               APPLICATION
FS
LN.CNT 59510
INCL
               INCLM: 424/186.100
               INCLS: 424/188.100; 530/350.000; 424/208.100; 424/187.100
                            424/186.100
NCL
                             424/188.100; 530/350.000; 424/208.100; 424/187.100
               NCLS:
IC
               [7]
               ICM: A61K039-21
               ICS: A61K039-12; C07K014-16; C07K014-10; C07K014-05; C07K014-11
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
          ANSWER 8 OF 100 USPATFULL ON STN
               2004:38077 USPATFULL
AN
               Dopamine agonist formulations for enhanced central nervous system
ΤI
               delivery
               Quay, Steven C., Edmonds, WA, UNITED STATES
IN
               Nastech Pharmaceutical Company Inc, Hauppauge, NY (U.S. corporation) US 2004028613 A1 20040212
PA
PΙ
                                                                 20010625 (9)
               us 2001-891630
ΑI
                                                       Α1
               Utility
DT
FS
               APPLICATION
LN.CNT 8045
               INCLM: 424/045.000
INCL
               INCLS: 514/295.000
               NCLM: 424/045.000
NCL
               NCLS: 514/295.000
IC
               [7]
               ICM: A61K031-473
               ICS: A61L009-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
           ANSWER 9 OF 100 USPATFULL ON STN
L5
               2004:31067 USPATFULL
ΑN
               Method of recovering a nucleic acid encoding a proteinaceous binding
TI
               domain which binds a target material
               Ladner, Robert Charles, Ijamsville, MD, UNITED STATES
Guterman, Sonia Kosow, Belmont, MA, UNITED STATES
Roberts, Bruce Lindsay, Milford, MA, UNITED STATES
Markland, William, Milford, MA, UNITED STATES
IN
               Ley, Arthur Charles, Newton, MA, UNITED STATES
               Kent, Rachel Baribault, Boxborough, MA, UNITED STATES
                                                                  20040205
PΙ
               us 2004023205
                                                       Α1
 ΑI
               us 2002-126544
                                                       Α1
                                                                  20020422 (10)
               Continuation of Ser. No. US 1997-993776, filed on 18 Dec 1997, ABANDONED Continuation of Ser. No. US 1995-415922, filed on 3 Apr 1995, GRANTED, Pat. No. US 5837500 Continuation of Ser. No. US 1993-9319, filed on 26
 RLI
               Jan 1993, GRANTED, Pat. No. US 5403484 Division of Ser. No. US 1991-664989, filed on 1 Mar 1991, GRANTED, Pat. No. US 5223409
               Continuation-in-part of Ser. No. US 1990-487063, filed on 2 Mar 1990,
               ABANDONED Continuation-in-part of Ser. No. US 1988-240160, filed on 2
               Sep 1988, ABANDONED
 PRAI
               wo 1989-US3731
                                                          19890901
               Utility
 DT
 FS
               APPLICATION
 LN.CNT 15868
               INCLM: 435/005.000
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               INCLS: 435/006.000; 536/023.100; 536/023.720
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               NCLM:
                              435/006.000; 536/023.100; 536/023.720
               NCLS:
 IC
                [7]
                ICM: C12Q001-70
                ICS: C12Q001-68; C07H021-04
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

```
L5
      ANSWER 10 OF 100 USPATFULL ON STN
        2004:7310 USPATFULL
ΑN
        Compositions and methods for binding agglomeration proteins
TI
        Grossman, Abraham, New York, NY, UNITED STATES
IN
        Kryukov, Valentine M., New York, NY, UNITED STATES
        Zeiler, Brian Neil, Twp. of Washington, NJ, UNITED STATES
                              Α1
                                    20040108
PΙ
        us 2004005543
                                    20030626 (10)
ΑI
        us 2003-343694
                              Α1
                                    20020118
        WO 2002-US1622
DT
        Utility
FS
        APPLICATION
LN.CNT 2009
        INCLM: 435/005.000
INCL
        INCLS: 435/006.000; 435/456.000; 435/235.100; 536/023.720
        NCLM: 435/005.000
NCL
        NCLS:
                435/006.000; 435/456.000; 435/235.100; 536/023.720
IC
        [7]
        ICM: C12Q001-70
        ICS: C12Q001-68; C07H021-04; C12N007-00; C12N015-86
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 11 OF 100 USPATFULL ON STN
        2004:7306 USPATFULL
AN
        Nucleic acids, genetic constructs, and library of nucleic acids encoding
TI
        fusion proteins
IN
        Ladner, Robert Charles, Ijamsville, MD, UNITED STATES
        Guterman, Sonia Kosow, Belmont, MA, UNITED STATES
        Roberts, Bruce Lindsay, Milford, MA, UNITED STATES Markland, William, Milford, MA, UNITED STATES
        Ley, Arthur_Charles, Newton, MA, UNITED STATES
        Kent, Rachel Baribault, Boxborough, MA, UNITED STATES
PΙ
        us 2004005539
                              Α1
                                    20040108
        us 2002-127028
                              Α1
                                    20020422 (10)
ΑI
        Continuation of Ser. No. US 1997-993776, filed on 18 Dec 1997, ABANDONED
RLI
        Continuation of Ser. No. US 1995-415922, filed on 3 Apr 1995, GRANTED, Pat. No. US 5837500 Continuation of Ser. No. US 1993-9319, filed on 26
        Jan 1993, GRANTED, Pat. No. US 5403484 Division of Ser. No. US 1991-664989, filed on 1 Mar 1991, GRANTED, Pat. No. US 5223409 Continuation-in-part of Ser. No. US 1990-487063, filed on 2 Mar 1990, ABANDONED Continuation-in-part of Ser. No. US 1988-240160, filed on 2
        Sep 1988, ABANDONED
        wo 1989-US3731
                                19890901
PRAI
        Utility |
DT
FS
        APPLICATION
LN.CNT 16057
        INCLM: 435/005.000
INCL
        INCLS: 435/006.000; 435/007.100; 435/069.700; 435/456.000; 435/252.300;
                 435/320.100; 536/023.720
                435/005.000
NCL
        NCLM:
                435/006.000; 435/007.100; 435/069.700; 435/456.000; 435/252.300;
        NCLS:
                 435/320.100; 536/023.720
IC
        ICM: C120001-70
        ICS: C12Q001-68; G01N033-53; C07H021-04; C12P021-02; C12N001-21;
        C12N015-86
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 12 OF 100 USPATFULL on STN
L5
        2004:7074 USPATFULL
ΑN
        Modulators of
                          ***amyloid***
                                              aggregation
ΤI
        Findeis, Mark A., Cambridge, MA, UNITED STATES
IN
        Benjamin, Howard, Lexington, MA, UNITED STATES
        Garnick, Marc B., Brookline, MA, UNITED STATES
         Gefter, Malcolm L., Lincoln, MA, UNITED STATES
        Hundal, Arvind, Brighton, MA, UNITED STATES
        Kasman, Laura, Athens, GA, UNITED STATES
        Musso, Gary, Hopkinton, MA, UNITED STATES
        Signer, Ethan R., Cambridge, MA, UNITED STATES Wakefield, James, Brookline, MA, UNITED STATES
         Reed, Michael J., Marietta, GA, UNITED STATES
        Praecis Pharmaceuticals, Inc., Waltham, MA (U.S. corporation) US 2004005307 A1 20040108
PA
PΙ
                                     20030617 (10)
ΑI
        us 2003-463729
                               Α1
         Continuation of Ser. No. US 2001-972475, filed on 4 oct 2001, PENDING
RLI
         Continuation of Ser. No. US 1996-617267, filed on 14 Mar 1996, GRANTED,
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Pat. No. US 6319498 Continuation-in-part of Ser. No. US 1995-404831,
       filed on 14 Mar 1995, GRANTED, Pat. No. US 5817626 Continuation-in-part
       of Ser. No. US 1995-475579, filed on 7 Jun 1995, GRANTED, Pat. No. US
       5854215 Continuation-in-part of Ser. No. US 1995-548998, filed on 27 Oct
       1995, ABANDONED
DT
       Utility
       APPLICATION
LN.CNT 4197
INCL
       INCLM: 424/094.300
       INCLS: 514/012.000
              424/094.300
NCL
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       NCLS:
              514/012.000
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IC
       ICM: A61K038-54
       ICS: A61K038-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 13 OF 100 USPATFULL ON STN
       2003:318642 USPATFULL
ΑN
       Compositions, kits, and methods for identification, assessment,
TI
       prevention, and therapy of rheumatoid arthritis
       Guild, Braydon C., Concord, MA, UNITED STATES
IN
       Liao, Hua, Newton, MA, UNITED STATES
       Jones, Michael D., Arlington, MA, UNITED STATES
       Zolg, Johannes W., Weilheim, GERMANY, FEDERAL REPUBLIC OF
       Wu, Jiang, Waltham, MA, UNITED STATES
       Millennium Pharmaceuticals, Inc. (U.S. corporation)
US 2003224386 A1 20031204
PA
PΙ
                                 20021216 (10)
ΑI
       us 2002-320352
                            Α1
       US 2001-341942P
                             20011219 (60)
PRAI
DT
       Utility
       APPLICATION
FS
LN.CNT 8950
       INCLM: 435/006.000
INCL
       NCLM: 435/006.000
NCL
IC
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       ICM: C12Q001-68
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 14 OF 100 USPATFULL ON STN
       2003:313596 USPATFULL
AN
       BRI constructs and methods of using
TI
IN
       Golde, Todd Eliot, Ponte Vedra Beach, FL, UNITED STATES
       McGowan, Eileen M., Jacksonville, FL, UNITED STATES
       Das, Pritam, Ponte Vedra Beach, FL, UNITED STATES
PΙ
       US 2003221204
                            Α1
                                 20031127
       us 2002-185297
                                 20020628 (10)
ΑI
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       US 2001-302202P
                             20010629 (60)
PRAI
DT
       Utility
       APPLICATION
FS
LN.CNT
       1335
       INCLM: 800/011.000
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               536/023.200
       NCLM:
               800/011.000
NCL
               435/069.100; 435/226.000; 435/320.100; 435/325.000; 424/185.100;
       NCLS:
               536/023.200
IC
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       ICM: A01K067-00
       ICS: C07H021-04; A61K039-00; C12N009-64; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 15 OF 100 USPATFULL ON STN
       2003:312289 USPATFULL
ΑN
       Directed evolution of novel binding proteins
TI
       Ladner, Robert Charles, Ijamsville, MD, UNITED STATES
ΙN
       Guterman, Sonia Kosow, Belmont, MA, UNITED STATES
       Roberts, Bruce Lindsay, Milford, MA, UNITED STATES Markland, William, Milford, MA, UNITED STATES
       Ley, Arthur Charles, Newton, MA, UNITED STATES
Kent, Rachel Baribault, Boxborough, MA, UNITED STATES
PΙ
       us 2003219886
                                 20031127
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ΑI
       US 2001-896095
                            Α1
                                 20010629 (9)
       Continuation of Ser. No. US 1997-993776, filed on 18 Dec 1997, PENDING
RLI
       Continuation of Ser. No. US 1995-415922, filed on 3 Apr 1995, GRANTED,
       Pat. No. US 5837500 Continuation of Ser. No. US 1993-9319, filed on 26
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FS

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Jan 1993, GRANTED, Pat. No. US 5403484 Division of Ser. No. US 1991-664989, filed on 1 Mar 1991, GRANTED, Pat. No. US 5223409
        Continuation-in-part of Ser. No. US 1990-487063, filed on 2 Mar 1990,
        ABANDONED Continuation-in-part of Ser. No. US 1988-240160, filed on 2
        Sep 1988, ABANDONED
        wo 1989-US3731
                               19890901
PRAI
        Utility
        APPLICATION
FS
LN.CNT 15529
        INCLM: 435/184.000
INCL
        INCLS: 435/007.100
                435/184.000
        NCLM:
NCL
                435/007.100
        NCLS:
IC
        [7]
        ICM: C12N009-99
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 16 OF 100 USPATFULL ON STN
L5
        2003:312278 USPATFULL
AN
TI
        Albumin fusion proteins
        Rosen, Craig A., Laytonsville, MD, UNITED STATES Haseltine, William A., Washington, DC, UNITED STATES
IN
                                    20031127
PΙ
        us 2003219875
                              Α1
                                    20010412 (9)
        us 2001-833118
                              Α1
ΑI
        US 2000-256931P
                               20001221 (60)
PRAI
                               20000425 (60)
        US 2000-199384P
                               20000412 (60)
        US 2000-229358P
        Utility
DT
        APPLICATION
FS
LN.CNT 15415
        INCLM: 435/069.700
INCL
        INCLS: 435/325.000; 435/320.100; 530/362.000; 514/012.000; 536/023.500
                435/069.700
NCL
        NCLM:
                435/325.000; 435/320.100; 530/362.000; 514/012.000; 536/023.500
        NCLS:
        [7]
        ICM: A61K038-38
        ICS: C07H021-04; C12P021-04; C07K014-76
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 17 OF 100 USPATFULL ON STN
L5
        2003:312125 USPATFULL
ΑN
         Fusion proteins, modified filamentous bacteriophage, and populations or
TI
         libraries of same
         Ladner, Robert Charles, Ijamsville, MD, UNITED STATES
IN
         Guterman, Sonia Kosow, Belmont, MA, UNITED STATES
        Roberts, Bruce Lindsay, Milford, MA, UNITED STATES Markland, William, Milford, MA, UNITED STATES
         Ley, Arthur Charles, Newton, MA, UNITED STATES
         Kent, Rachel Baribault, Boxborough, MA, UNITED STATES
         us 2003219722
                                     20031127
                               Α1
 PΙ
        US 2002-126685 A1 20020422 (10)
Continuation of Ser. No. US 1997-993776, filed on 18 Dec 1997, PENDING
Continuation of Ser. No. US 1995-415922, filed on 3 Apr 1995, GRANTED,
Pat. No. US 5837500 Continuation of Ser. No. US 1993-9319, filed on 26
AΙ
RLI
         Jan 1993, GRANTED, Pat. No. US 5403484 Division of Ser. No. US
         1991-664989, filed on 1 Mar 1991, GRANTED, Pat. No. US 5223409
         Continuation-in-part of Ser. No. US 1990-487063, filed on 2 Mar 1990,
         ABANDONED Continuation-in-part of Ser. No. US 1988-240160, filed on 2
         Sep 1988, ABANDONED
 PRAI
         wo 1989-US3731
                                19890901
         Utility
 DT
         APPLICATION
 FS
 LN.CNT
         16459
         INCLM: 435/005.000
 INCL
         INCLS: 435/069.700; 435/320.100; 435/252.300; 530/350.000; 536/023.720
 NCL
         NCLM:
                 435/005.000
                 435/069.700; 435/320.100; 435/252.300; 530/350.000; 536/023.720
         NCLS:
         [7]
 IC
         ICM: C07K014-01
         ICS: C12Q001-70; C07H021-04; C12P021-04; C12N001-21; C12N015-74
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 18 OF 100 USPATFULL ON STN
 L5
         2003:300319 USPATFULL
 ΑN
         Assays and methods of diagnosis and treatment based on use of sodium
 TI
                                                          beta or its aggregates
                                       ***amvloid***
         channels as targets for
```

DT

```
IN
       Lee, Kai S., Portage, MI, UNITED STATES
       Sun, Xiao-Dong, Portage, MI, UNITED STATES
       Taylor, Bruce M., Kalamazoo, MI, UNITED STATES
       Epps, Dennis E., Portage, MI, UNITED STATES
       Buhl, Allen E., Portage, MI, UNITED STATES
                           A1.
                                20031113
PΙ
       us 2003211542
ΑI
       us 2003-437668
                           Α1
                                 20030514 (10)
       Division of Ser. No. US 2000-742633, filed on 21 Dec 2000, GRANTED, Pat.
RLI
       No. US 6589747
       US 1999-172032P
                            19991223 (60)
PRAI
       Utility
DT
FS
       APPLICATION
       1748
LN.CNT
INCL
       INCLM: 435/007.100
       INCLS: 514/001.000
       NCLM:
               435/007.100
NCL
               514/001.000
       NCLS:
       [7]
IC
       ICM: A61K031-00
       ICS: G01N033-53
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
Ĺ5
     ANSWER 19 OF 100 USPATFULL ON STN
       2003:295025 USPATFULL
ΑN
       Human genes, sequences and expression products
TI
       Moore, Paul A., Germantown, MD, UNITED STATES
IN
       Gentz, Reiner L., Belo Horizonte-Mg, BRAZIL
       Ji, Hongjun, San Diego, CA, UNITED STATES
       Ni, Jian, Germantown, MD, UNITED STATES
       Hu, Jing-Shan, Mountain View, CA, UNITED STATES
       Human Genome Sciences, Inc., Rockville, MD, 20850 (U.S. corporation) US 2003208043 A1 20031106
PA
       us 2003208043
PΙ
       us 2003-453478
                                 20030604 (10)
AI.
                           Α1
       Division of Ser. No. US 1999-417540, filed on 14 Oct 1999, PENDING
RLI
       Division of Ser. No. US 1996-705771, filed on 30 Aug 1996, GRANTED, Pat.
       No. US 6054289
       US 1995-2993P
                             19950830 (60)
PRAI
       Utility
DT
FS
        APPLICATION
LN.CNT 2745
        INCLM: 530/350.000
INCL
        INCLS: 435/069.100; 435/320.100; 435/325.000; 530/388.100; 536/023.500
NCL
        NCLM:
               530/350.000
               435/069.100; 435/320.100; 435/325.000; 530/388.100; 536/023.500
        NCLS:
IC
        [7]
        ICM: C07K014-47
        ICS: C12P021-02; C12N005-06; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 20 OF 100 USPATFULL on STN
L5
        2003:285297 USPATFULL
ΑN
        Human ADA2_polypeptides
TI
        Moore, Paul A., Aberdeen, UNITED KINGDOM
IN
        Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
PA
        corporation)
                                 20031028
PΙ
        us 6639052
                                 19991014 (9)
ΑI
        us 1999-417540
        Division of Ser. No. US 1996-705771, filed on 30 Aug 1996, now patented,
RLI
        Pat. No. US 6054289
PRAI
        US 1995-2993P
                             19950830 (60)
        Utility
DT
FS
        GRANTED
LN.CNT
        2778
INCL
        INCLM: 530/350.000
               530/300.000; 530/402.000; 530/395.000; 514/002.000; 435/069.100
        INCLS:
               530/350.000
NCL
        NCLM:
        NCLS:
               435/069.100; 530/300.000; 530/395.000; 530/402.000
IC
        [7]
        ICM: C12P021-06
        ICS: C07K014-00; A61K038-00; C12N005-00
        530/300; 530/350; 530/402; 530/395; 435/69.1; 435/320.1; 435/325; 435/252.3; 435/254.11; 536/23.1; 536/23.5; 514/2
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 21 OF 100 USPATFULL ON STN
```

2003:284210 USPATFULL

ΑN

```
Assays using ***amyloid*** precursor proteins with modified beta-secretase cleavage sites to monitor beta-secretase activity
TI
       Hazuda, Daria Jean, Doylestown, PA, UNITED STATES
IN
       Dodson, Elizabeth Chen, Souderton, PA, UNITED STATES
       Lai, Ming-Tain, Lausdale, PA, UNITED STATES
       Xu, Min, Ambler, PA, UNITED STATES
       Shi, Xiao-Ping, Warrington, PA, UNITED STATES
       Simon, Adam J., Langborne, PA, UNITED STATES
       Wu, Guoxin, Merion Station, PA, UNITED STATES
Li, Yueming, New York, NY, UNITED STATES
       Register, Robert Bruce, Evergreen, CO, UNITED STATES
       us 2003200555
                                  20031023
                            Α1
PΙ
       us 2003-427208
                            Α1
                                  20030430 (10)
ΑI
       Continuation-in-part of Ser. No. WO 2002-US15590, filed on 17 May 2002,
RLI
       PENDING
       US 2001-292591P
                             20010522 (60)
PRAI
       us 2001-316115P
                             20010830 (60)
       Utility
DT
        APPLICATION
LN.CNT 6502
        INCLM: 800/012.000
INCL
       INCLS: 800/018.000; 435/226.000; 424/146.100; 530/388.260; 514/001.000; 435/007.200; 435/354.000; 435/320.100; 536/023.200
NCL
        NCLM:
               800/012.000
               800/018.000; 435/226.000; 424/146.100; 530/388.260; 514/001.000;
        NCLS:
               435/007.200; 435/354.000; 435/320.100; 536/023.200
        [7]
IC
        ICM: A01K067-027
        ICS: A61K031-00; G01N033-53; G01N033-567; C07H021-04; A61K039-395;
        C12N009-64
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 22 OF 100 USPATFULL ON STN
        2003:282611 USPATFULL
ΑN
        Human cDNAs and proteins and uses thereof
TI
        Bejanin, Stephane, Paris, FRANCE
ΙN
        Tanaka, Hiroaki, Antony, FRANCE
        GENSET, S.A., Paris, FRANCE (non-U.S. corporation)
PA
                                  20031023
        us 2003198954
PΙ
                            Α1
                                  20011114 (10)
        US 2001-1142
                            Α1
ΑI
        Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
RLI
        WO 2001-IB1715
                              20010806
PRAI
        US 2001-305456P
                              20010713
                                        (60)
                                       (60)
        US 2001-302277P
                              20010629
        US 2001-298698P
                              20010615 (60)
        US 2001-293574P
                              20010525 (60)
DT
        Utility
        APPLICATION
FS
        25681
LN.CNT
        INCLM: 435/006.000
INCL
        INCLS: 536/023.200
               435/006.000
NCL
        NCLM:
               536/023.200
        NCLS:
IC
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        ICM: C12Q001-68
        ICS: C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 23 OF 100 USPATFULL on STN
ΑN
        2003:271496 USPATFULL
        Glycosidase inhibitors and methods of synthesizing same
TI
        Pinto, Brian M., Coquitlam, CANADA
IN
        Johnston, Blair D., Vancouver, CANADA
        Ghavami, Ahmad, Coquitlam, CANADA
                                  20031009
PΙ
        us 2003191104
                             Α1
ΑI
        us 2002-226657
                             Α1
                                  20020822 (10)
        Continuation of Ser. No. US 2000-627434, filed on 28 Jul 2000, GRANTED,
RLI
        Pat. No. US 6455573
                              20000107 (60)
PRAI
        US 2000-174837P
DT
        Utility
FS
        APPLICATION
LN.CNT 835
INCL
        INCLM: 514/183.000
                514/424.000; 514/438.000; 540/001.000; 548/542.000; 549/062.000
        INCLS:
                514/183.000
NCL
        NCLM:
                514/424.000; 514/438.000; 540/001.000; 548/542.000; 549/062.000
        NCLS:
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IC
       ICM: A61K031-4015
       ICS: A61K031-381; C07D345-00; C07D333-18; C07D027-24
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 24 OF 100 USPATFULL ON STN
L5
       2003:265252
                     USPATFULL
ΑN
       Novel human leucine-rich repeat domain containing protein, HLLRCR-1
TI
       Feder, John N., Belle Mead, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
IN
       Mintier, Gabriel, Hightstown, NJ, UNITED STATES
                                 20031002
       us 2003186267
PΙ
                            Α1
       us 2002-271078
                                 20021011 (10)
                            Α1
ΑI
                             20011011 (60)
       US 2001-328478P
PRAI
DT
       Utility
       APPLICATION
FS
LN.CNT 14036
       INCLM: 435/006.000
INCL
       INCLS: 435/069.100; 435/320.100; 435/325.000; 514/012.000; 530/350.000;
               536/023.500
               435/006.000
NCL
       NCLM:
               435/069.100; 435/320.100; 435/325.000; 514/012.000; 530/350.000;
       NCLS:
               536/023.500
        [7]
TC
        ICM: C12Q001-68
       ICS: A61K038-17; C07H021-04; C12P021-02; C12N005-06; C07K014-715
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 25 OF 100 USPATFULL ON STN
        2003:260805
                     USPATFULL
AN
        .beta.-secretase enzyme compositions and methods
TI
        Anderson, John P., San Francisco, CA, United States
IN
        Basi, Guriqbal, Palo Alto, CA, United States
       Doan, Minh Tam, Hayward, CA, United States
        Frigon, Normand, Milbrae, CA, United States
        John, Varghese, San Francisco, CA, United States
        Power, Michael, Fremont, CA, United States
       Sinha, Sukanto, San Francisco, CA, United States
Tatsuno, Gwen, Oakland, CA, United States
Tung, Jay, Belmont, CA, United States
        Wang, Shuwen, Hersey, PA, United States
        McConlogue, Lisa, Burlingame, CA, United States
        Elan Pharmaceuticals, Inc., South San Francisco, CA, United States (U.S.
PA
        corporation)
                                  20030930
PΙ
        us 6627739
                            в1
                                  20001128 (9)
ΑI
        us 2000-724566
        Continuation of Ser. No. US 2000-501708, filed on 10 Feb 2000
RLI
        US 1999-119571P
PRAI
                             19990210 (60)
        US
           1999-139172P
                             19990615 (60)
DT
        Utility
        GRANTED
FS
LN.CNT 4793
        INCLM: 530/387.900
INCL
        INCLS: 530/388.100: 530/388.260: 530/389.100: 530/389.200
NCL
               530/387.900
        NCLM:
               530/388.100; 530/388.260; 530/389.100; 530/389.200
        NCLS:
IC
        [7]
        ICM: C07K016-40
        530/387.9; 530/388.1; 530/388.26; 530/389.1; 530/389.2
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 26 OF 100 USPATFULL ON STN
        2003:251076 USPATFULL
AN
TI
        Engineered open reading frame for p53
        Brachmann, Rainer K., St. Louis, MO, UNITED STATES
IN
        Washington University, St. Louis, MO, UNITED STATES, 63110 (U.S.
PΑ
        corporation)
        US 2003175862
                                  20030918
PΙ
                            Α1
        us 2002-77176
                                  20020219 (10)
ΑI
                            Α1
DT
        Utility
FS
        APPLICATION
LN.CNT
        3536
        INCLM: 435/069.100
INCL
        INCLS: 435/189.000; 435/320.100; 435/252.300; 536/023.200
NCL
                435/069.100
               435/189.000; 435/320.100; 435/252.300; 536/023.200
        NCLS:
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IC
        ICM: C12P021-02
        ICS: C12N005-06; C07H021-04; C12N009-02; C12N001-21; C12N015-74
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 27 OF 100 USPATFULL ON STN
L5
AN
        2003:250925 USPATFULL
        Molecular antigen array
TI
        Renner, Wolfgang A., Zurich, SWITZERLAND
IN
        Bachmann, Martin, Winterthur, SWITZERLAND
        Tissot, Alain, Zurich, SWITZERLAND
       Maurer, Patrick, Winterthur, SWITZERLAND
Lechner, Franziska, Zurich, SWITZERLAND
Sebbel, Peter, Zurich, SWITZERLAND
        Piossek, Christine, Winterthur, SWITZERLAND
        Ortmann, Rainer, Saint Louis, SWITZERLAND
        Luond, Rainer, Therwil, SWITZERLAND
        Staufenbiel, Matthias, Lorrach, GERMANY, FEDERAL REPUBLIC OF
        Frey, Peter, Bern, SWITZERLAND
        Cytos Biotechnology AG (non-U.S. corporation)
PA
        us 2003175711
                                   20030918
PΙ
                             Α1
        us 2002-50898
                             Α1
                                   20020118 (10)
AΤ
                              20011107 (60)
        us 2001-331045P
PRAI
                              20011005 (60)
        US 2001-326998P
        us 2001-288549P
                              20010504 (60)
                              20010119 (60)
        US 2001-262379P
DT
        Utility
        APPLICATION
FS
LN.CNT 14673
        INCLM: 435/006.000
INCL
        INCLS: 424/201.100; 435/005.000; 435/007.320
NCL
               435/006.000
        NCIM:
               424/201.100; 435/005.000; 435/007.320
        NCLS:
        ICM: C12Q001-70
        ICS: G01N033-554; G01N033-569; A61K039-295; C12Q001-68
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 28 OF 100 USPATFULL ON STN
L5
        2003:250504 USPATFULL
ΑN
        Molecular antigen array
ΤI
        Renner, Wolfgang A., Zurich, SWITZERLAND
Bachmann, Martin, Winterthur, SWITZERLAND
IN
        Tissot, Alain, Zurich, SWITZERLAND
        Maurer, Patrick, Winterthur, SWITZERLAND
        Lechner, Franziska, Zurich, SWITZERLAND
        Sebbel, Peter, Zurich, SWITZERLAND
        Piossek, Christine, Winterthur, SWITZERLAND
        Cytos Biotechnology AG (non-U.S. corporation)
PA
                             Α1
                                   20030918
PΙ
        us 2003175290
                                   20020118 (10)
        us 2002-50902
ΑI
                              Α1
                               20011107 (60)
20011005 (60)
        US 2001-331045P
PRAI
        US 2001-326998P
                               20010504 (60)
        US
           2001-288549P
                               20010119 (60)
        us 2001-262379P
DT
        Utility
        APPLICATION
FS
LN.CNT 15306
 INCL
        INCLM: 424/186.100
        INCLS: 435/005.000; 435/007.900; 435/287.200; 435/006.000
 NCL
                424/186.100
        NCLM:
                435/005.000; 435/007.900; 435/287.200; 435/006.000
        NCLS:
 IC
         [7]
        ICM: A61K039-12
        ICS: C12Q001-70; G01N033-53; G01N033-542; C12M001-34; C12Q001-68;
        C12M003-00
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L5
      ANSWER 29 OF 100 USPATFULL on STN
         2003:245142 USPATFULL
 ΑN
        Beta- ***amyloid***
                                  binding factors and inhibitors thereof
 TI
        Chae, Chi-Bom, Pohang, KOREA, REPUBLIC OF
Gho, Yong Song, Suwon, KOREA, REPUBLIC OF
Yang, Seung-Pil, Daegu, KOREA, REPUBLIC OF
 IN
        Kwon, Byung Oh, Seoul, KOREA, REPUBLIC OF
```

Bac, Dong-Goo, Pohang, KOREA, REPUBLIC OF

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Hwang, Sewook, Pohang, KOREA, REPUBLIC OF
       us 2003171556
                                 20030911
PT
                           Α1
ΑI
       us 2002-318302
                            Α1
                                 20021212 (10)
PRAI
       US 2001-339932P
                            20011213 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 2199
INCL
       INCLM: 530/388.260
       INCLS: 530/350.000; 435/069.100; 435/320.100; 435/325.000; 424/093.200;
               536/023.200
               530/388.260
NCL
       NCLM:
       NCLS:
               530/350.000; 435/069.100; 435/320.100; 435/325.000; 424/093.200;
               536/023.200
IC
       [7]
       ICM: A61K048-00
       ICS: C07H021-04; C12P021-02; C12N005-06; C07K014-47; C07K016-40
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 30 OF 100 USPATFULL ON STN
       2003:244219 USPATFULL
AN
ΤI
       Human cDNAs and proteins and uses thereof
ΙN
       Bejanin, Stephane, Paris, FRANCE
       Tanaka, Hiroaki, Antony, FRANCE
       GENSET, S.A., Paris, FRANCE (non-U.S. corporation)
PA
                                 20030911
PΙ
       us 2003170628
                            Α1
ΑI
       us 2001-999570
                            Α1
                                 20011114 (9)
       Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
RLI
                             20010806
PRAI
       WO 2001-IB1715
                             20010713 (60)
       US 2001-305456P
       US 2001-302277P
                             20010629 (60)
                             20010615 (60)
       US
          2001-298698P
                             20010525 (60)
       US 2001-293574P
       Utility
DT
FS
       APPLICATION
LN.CNT 25549
INCL
       INCLM: 435/006.000
       INCLS: 435/069.100; 435/007.100; 435/320.100; 435/325.000; 530/350.000;
               530/388.100; 536/023.500
NCL
       NCLM:
               435/006.000
               435/069.100; 435/007.100; 435/320.100; 435/325.000; 530/350.000; 530/388.100; 536/023.500
       NCLS:
        [7]
IC
       ICM: C12Q001-68
       ICS: G01N033-53; C07H021-04; C12P021-02; C12N005-06; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 31 OF 100 USPATFULL on STN
       2003:237339 USPATFULL
ΑN
ΤI
       Humanized antibodies that recognize beta
                                                      ***amvloid***
                                                                        peptide
       Basi, Guriq, Palo Alto, CA, UNITED STATES
Saldanha, Jose, Enfield, UNITED KINGDOM
IN
       Yednock, Ted, Forest Knolls, CA, UNITED STATES
Elan Pharmaceuticals, Inc., San Francisco, CA (U.S. corporation)
PA
                                 20030904
PΙ
       us 2003165496
                            Α1
ΑI
       us 2001-10942
                            Α1
                                 20011206 (10)
                             20001206 (60)
PRAI
       US 2000-251892P
DT
       Utility
FS
       APPLICATION
LN.CNT 5733
INCL
       INCLM: 424/141.100
               530/388.150; 435/328.000
       INCLS:
               424/141.100
NCL
       NCLM:
               530/388.150; 435/328.000
       NCLS:
IC
        [7]
       ICM: A61K039-395
        ICS: C12N005-06; C07K016-44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 32 OF 100 USPATFULL ON STN
       2003:232533 USPATFULL
ΑN
TI
       Modulation of DENN-MADD expression and interactions for treating
       neurological disorders
       Miller, Carol A., San Marino, CA, UNITED STATES
ΙN
       Villar, Keith Del, Los Angeles, CA, UNITED STATES
       us 2003162734
                                  20030828
PΙ
                            Α1
AT
       us 2002-187264
                            Α1
                                  20020628 (10)
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20010628 (60)
       US 2001-301608P
PRAI
       Utility
DT
       APPLICATION
FS
LN.CNT 2629
       INCLM: 514/044.000
INCL
       INCLS: 514/341.000; 514/410.000
              514/044.000
       NCLM:
NCL
              514/341.000; 514/410.000
       NCLS:
IC
       [7]
       ICM: A61K048-00
       ICS: A61K031-4439; A61K031-407
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 33 OF 100 USPATFULL ON STN
L5
       2003:231986 USPATFULL
AN
       Human cDNAs and proteins and uses thereof
ΤI
       Bejanin, Stephane, Paris, FRANCE
IN
       Tanaka, Hiroaki, Antony, FRANCE
       GENSET, S.A., Paris, FRANCE (non-U.S. corporation)
PΑ
                                20030828
       us 2003162186
                           Α1
PΙ
                                20020522 (10)
       us 2002-154678
AΤ
                           Α1
       US 2001-293574P
                            20010525 (60)
PRAI
                            20010615 (60)
       us 2001-298698P
                            20010629 (60)
       US 2001-302277P
                            20010713 (60)
       US 2001-305456P
DT
       Utility
       APPLICATION
FS
       25533
LN.CNT
       INCLM: 435/006.000
INCL
        INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
               435/006.000
NCL
               435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
        NCLS:
        [7]
IC
        ICM: C120001-68
        ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 34 OF 100 USPATFULL ON STN
L5
AN
        2003:225875 USPATFULL
        Human tissue inhibitor of metalloproteinase-4
 TI
        Greene, John M., Gaithersburg, MD, UNITED STATES
 ΙN
        Rosen, Craig_A., Laytonsville,
                                       MD, UNITED STATES
        us 2003157687
                           Α1
                                 20030821
 ΡI
        us 2003-366445
                                 20030214 (10)
                           Α1
 ΑI
        Division of Ser. No. US 2001-901904, filed on 11 Jul 2001, GRANTED, Pat.
 RLI
        No. US 6544761 Continuation-in-part of Ser. No. US 1999-387525, filed on
        1 Sep 1999, PENDING Continuation of Ser. No. US 1995-463261, filed on 5
        Jun 1995, GRANTED, Pat. No. US 6448042 Continuation-in-part of Ser. No.
        WO 1994-US14498, filed on 13 Dec 1994, PENDING
                             20000711 (60)
        US 2000-217419P
 PRAI
                             20000726 (60)
        US 2000-220829P
 DT
        Utility
        APPLICATION
 FS
 LN.CNT 5326
 INCL
        INCLM: 435/226.000
        INCLS: 435/069.100; 435/320.100; 435/325.000; 435/006.000; 435/007.100;
               424/093.200; 424/094.650; 536/023.200
        NCLM:
               435/226.000
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               435/069.100; 435/320.100; 435/325.000; 435/006.000; 435/007.100;
        NCLS:
               424/093.200; 424/094.650; 536/023.200
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        ICM: C12Q001-68
        ICS: G01N033-53; C07H021-04; A61K048-00; A61K038-46; C12N009-64
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 L5
      ANSWER 35 OF 100 USPATFULL ON STN
        2003:225673 USPATFULL
 ΑN
        Human cDNAs and proteins and uses thereof
 ΤI
        Bejanin, Stephane, Paris, FRANCE
 IN
        Tanaka, Hiroaki, Antony, FRANCE
        GENSET, S.A., Paris, FRANCE (non-U.S. corporation)
 PA
        us 2003157485
                           Α1
                                 20030821
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                                 20011113 (9)
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        US 2001-992095
                            Α1
        Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
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        WO 2001-IB1715
 PRAI
                             20010713 (60)
        US 2001-305456P
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20010629 (60)
       US 2001-302277P
       US 2001-298698P
                            20010615 (60)
       US 2001-293574P
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       Utility
       APPLICATION
FS
LN.CNT 25484
       INCLM: 435/006.000
INCL
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               536/023.200; 530/388.260; 435/007.200
              435/006.000
NCL
       NCLM:
              435/069.100; 435/320.100; 435/325.000; 435/226.000; 800/008.000;
       NCLS:
               536/023.200; 530/388.260; 435/007.200
IC
       ICM: C120001-68
       ICS: G01N033-53; G01N033-567; A01K067-00; C07H021-04; C12N009-64;
       C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 36 OF 100 USPATFULL ON STN
       2003:213657 USPATFULL
AN
       Expression profiles and methods of use
ΤI
       wan, Jackson Shek-Lam, San Diego, CA, UNITED STATES
IN
       Wang, Yixin, San Diego, CA, UNITED STATES
       us 2003148295
                                 20030807
PΙ
                           Α1
       us 2002-101510
                           Α1
                                 20020320 (10)
ΑI
       US 2001-276947P
PRAI
                            20010320 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT 7505
       INCLM: 435/006.000
INCL
       INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
NCL
               435/006.000
               435/069.100; 435/183.000; 435/320.100; 435/325.000; 536/023.200
IC
       [7]
       ICM: C120001-68
       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 37 OF 100 USPATFULL on STN
       2003:207348 USPATFULL
AN
TI
       Novel human leucine-rich repeat containing protein expressed
       predominately in bone marrow, HLRRBM1
       Feder, John N., Belle Mead, NJ, UNITED STATES
Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
IN
       Mintier, Gábe, Hightstówn, NJ, UNITED STATES
US 2003143706 A1 20030731
PΙ
       us 2001-28374
                                 20011220 (10)
ΑI
                           Α1
       US 2000-257773P
                            20001222 (60)
PRAI
DT
       Utility
FS
       APPLICATION
LN.CNT 13850
INCL
       INCLM: 435/183.000
       INCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.200; 435/006.000
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       NCLM:
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               435/069.100; 435/325.000; 435/320.100; 536/023.200; 435/006.000
        [7]
IC
       ICM: C12Q001-68
       ICS: C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 38 OF 100 USPATFULL on STN
AN
       2003:169096
                    USPATFULL
TI
       Nucleic acid sequences and expression system relating to Enterococcus
       faecium for diagnostics and therapeutics
       Doucette-Stamm, Lynn A., Framingham, MA, United States
       Bush, David, Somerville, MA, United States
PA
       Genome Therapeutics Corporation, Waltham, MA, United States (U.S.
       corporation)
       us 6583275
PΙ
                                 20030624
ΑI
       US 1998-107532
                                 19980630 (9)
                             19980514 (60)
PRAI
       US
          1998-85598P
       US 1997-51571P
                             19970702 (60)
DT
       Utility
       GRANTED
LN.CNT 15265
       INCLM: 536/023.100
INCL
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INCLS: 435/006.000; 435/243.000; 435/320.100; 435/325.000; 536/024.300;
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                 536/023.100
NCL
        NCLM:
        NCLS:
                 435/006.000; 435/243.000; 435/320.100; 435/325.000; 536/024.300;
                 536/024.320
IC
        [7]
        ICM: C07H021-00
ICS: C12Q001-68; C12N015-00; C12N001-00; C12N005-00
EXF 435/243; 435/320.1; 435/325; 435/6; 514/44; 536/23.1; 536/24.3; 536/32
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 39 OF 100 USPATFULL on STN
L5
AN
        2003:166788 USPATFULL
TI
        Human cystatin F
        Li, Haodong, Gaithersburg, MD, UNITED STATES
IN
        Yu, Guo-Liang, Darnestown, MD, UNITED STATES
        Gentz, Reiner L., Silver Spring, MD, UNITED STATES Ni, Jian, Rockville, MD, UNITED STATES
        Human Genome Sciences, Inc., Rockville, MD (U.S. corporation)
PA
                                      20030619
ΡĪ
        us 2003114646
                                A1
ΑI
        us 2002-329428
                                A1
                                      20021227 (10)
        Division of Ser. No. US 2000-528436, filed on 17 Mar 2000, PENDING
RLI
        Division of Ser. No. US 1998-19485, filed on 29 Jan 1998, GRANTED,
        No. US 6066617 Continuation-in-part of Ser. No. US 1997-832535, filed on
        3 Apr 1997, GRANTED, Pat. No. US 5919658
        US 1996-14795P
PRAI
                                 19960403 (60)
DT
        Utility
        APPLICATION
FS
LN.CNT 2730
INCL
        INCLM: 530/388.150
        INCLS: 530/350.000; 435/069.100; 435/320.100; 435/325.000; 424/130.100;
                 514/012.000; 536/023.500
                 530/388.150
NCL
        NCLM:
                 530/350.000; 435/069.100; 435/320.100; 435/325.000; 424/130.100; 514/012.000; 536/023.500
        NCLS:
         ICM: A61K038-17
         ICS: C07H021-04; A61K039-395; C12P021-02; C12N005-06; C07K014-47
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 40 OF 100 USPATFULL on STN
L5
         2003:165862 USPATFULL
AN
TI
         Directed evolution of novel binding proteins
         Ladner, Robert Charles, Ijamsville, MD, UNITED STATES
IN
         Guterman, Sonia Kosow, Belmont, MA, UNITED STATES
        Roberts, Bruce Lindsay, Milford, MA, UNITED STATES Markland, William, Milford, MA, UNITED STATES
         Ley, Arthur Charles, Newton, MA, UNITED STATES
         Kent, Rachel Baribault, Boxborough, MA, UNITED STATES
        us 2003113717
PΙ
                                Α1
                                      20030619
        US 2001-893878 A1 20010629 (9)
Continuation of Ser. No. US 1997-993776, filed on 18 Dec 1997, PENDING Continuation of Ser. No. US 1995-415922, filed on 3 Apr 1995, PATENTED Continuation of Ser. No. US 1993-9319, filed on 26 Jan 1993, PATENTED Division of Ser. No. US 1991-664989, filed on 1 Mar 1991, PATENTED Division of Ser. No. US 1991-664989, filed on 2 Mar 1990
ΑI
RLI
         Continuation-in-part of Ser. No. US 1990-487063, filed on 2 Mar 1990
        ABANDONED Continuation-in-part of Ser. No. US 1988-240160, filed on 2
         Sep 1988, ABANDONED
PRAI
        wo 1989-US3731
                                 19890901
        Utility
DT
FS
         APPLICATION
LN.CNT 15933
INCL
         INCLM: 435/006.000
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NCL
                 435/006.000
                 435/007.200; 435/455.000; 435/091.200
        NCLS:
IC
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         ICM: C12Q001-68
         ICS: G01N033-53; G01N033-567; C12P019-34; C12N015-87
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 41 OF 100 USPATFULL ON STN
ΑN
         2003:155715 USPATFULL
TI
        Human cystatin F antibodies
IN
         Li, Haodong, Gaitheresburg, MD, United States
         Yu, Guo-Liang, Darnestown, MD, United States
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Gentz, Reiner L., Silver Spring, MD, United States Ni, Jian, Rockville, MD, United States
       Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
       corporation)
       us 6576745
                                 20030610
PΙ
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       us 2000-528436
                                 20000317 (9)
ΑI
       Division of Ser. No. US 1998-19485, filed on 29 Jan 1998, now patented,
RLI
       Pat. No. US 6066617 Continuation-in-part of Ser. No. US 1997-832535,
       filed on 3 Apr 1997, now patented, Pat. No. US 5919658, issued on 6 Jul
       1999
PRAI
       US 1996-14795P
                            19960403 (60)
       Utility
DT
FS
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LN.CNT 2694
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       INCLS: 435/326.000; 530/387.100; 530/388.100; 530/388.260
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NCL
              435/326.000; 530/387.100; 530/388.100; 530/388.260
       NCLS:
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IC
       ICM: C07K016-00
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       530/387.1; 530/387.3; 530/388.1; 530/388.15; 530/388.26; 435/326
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 42 OF 100 USPATFULL on STN
       2003:152936 USPATFULL
ΑN
ΤI
       Adipocyte complement related protein zacrp3X2
       Haldeman, Betty A., Seattle, WA, UNITED STATES
IN
       Thayer, Edward C., Seattle, WA, UNITED STATES
       Sheppard, Paul O., Granite Falls, WA, UNITED STATES
PΙ
       US 2003104602
                           Α1
                                 20030605
       US 6692748
                           B2
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       us 2001-12605
                                 20011207 (10)
ΑI
                           Α1
       US 2000-254019P
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PRAI
DT
       Utility
       APPLICATION
FS
LN.CNT 4800
INCL
       INCLM: 435/226.000
       INCLS: 435/069.100; 435/320.100; 435/325.000; 530/388.260; 530/388.150;
               536/023.200
       NCLM:
              424/185.100
NCL
              424/192.100; 435/069.100; 435/069.700; 435/320.100; 435/325.000; 530/350.000; 530/351.000; 536/023.500
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IC
       ICM: C12N009-64
       ICS: C07H021-04; C12P021-02; C12N005-06; C07K016-40
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 43 OF 100 USPATFULL on STN
L5
       2003:140906 USPATFULL
AN
       Methods and compositions for the treatment of diseases associated with
ΤI
       signal transduction aberrations
IN
       Holoshitz, Joseph, Ann Arbor, MI, UNITED STATES
       Ling, Song, Ann Arbor, MI, UNITED STATES
       The Regents Of The University Of Michigan (U.S. corporation)
PA
ΡI
       us 2003096748
                           Α1
                                 20030522
       US 2002-161959
ΑI
                           Α1
                                 20020603 (10)
       US 2001-295691P
PRAI
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DT
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FS
       APPLICATION
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INCL
       INCLS: 530/359.000
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       NCLM:
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       NCLS:
               530/359.000
IC
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       ICM: A61K038-17
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 44 OF 100 USPATFULL on STN
L5
AN
       2003:140406 USPATFULL
TI
       Human cDNAs and proteins and uses thereof
IN
       Bejanin, Stephane, Paris, FRANCE
       Tanaka, Hiroaki, Antony, FRANCE
       GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
PA
ΡI
       us 2003096247
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                                 20030522
       us 2001-986
ΑI
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RLI
       Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
       wo 2001-IB1715
                            20010806
PRAI
       US 2001-305456P
                            20010713 (60)
       US 2001-302277P
                            20010629 (60)
       US 2001-298698P
                            20010615 (60)
       US 2001-293574P
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       Utility
DT
FS
       APPLICATION
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              435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
       NCLS:
              536/023.200; 800/008.000
IC
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       ICM: C12Q001-68
       ICS: A01K067-00; C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 45 OF 100 USPATFULL ON STN
AΝ
       2003:133926 USPATFULL
TI
       Human cDNAs and proteins and uses thereof
IN
       Bejanin, Stephane, Paris, FRANCE
       Tanaka, Hiroaki, Antony, FRANCE
PA
              S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
       GENSET,
                                20030515
PΙ
       US 2003092011
                          Α1
                                20011114 (10)
ΑI
       us 2001-489
                          A1
       Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
RLI
PRAI
       WO 2001-IB1715
                            20010806
       US 2001-305456P
                            20010713
                            20010629 (60)
       US 2001-302277P
       US 2001-298698P
                            20010615 (60)
       US
          2001-293574P
                            20010525 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 25607
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       INCLM: 435/006.000
       INCLS: 800/003.000; 435/007.900; 435/183.000; 435/069.100; 435/320.100;
              435/325.000; 536/023.200
NCL
       NCLM:
              435/006.000
       NCLS:
              800/003.000; 435/007.900; 435/183.000; 435/069.100; 435/320.100;
              435/325.000; 536/023.200
IC
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       ICM: C12Q001-68
       ICS: G01N033-53; G01N033-542; C07H021-04; C12N009-00; C12P021-02;
       C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 46 OF 100 USPATFULL on STN
L5
AN
       2003:127127
                    USPATFULL
       Novel human leucine-rich repeat containing protein expressed
TI
       predominately in nervous system tissues, HLRRNS1
       Feder, John N., Belle Mead, NJ, UNITED STATES
IN
       Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
       Mintier, Gabe, Hightstown, NJ, UNITED STATES
PΙ
                                20030508
       us 2003087340
                          Α1
ΑT
       US 2001-28392
                                20011220 (10)
                           Α1
       US 2001-259479P
                            20010103 (60)
PRAI
       US
          2001-260616P
                            20010109 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 15374
INCL
       INCLM: 435/069.100
       INCLS: 435/325.000; 435/320.100; 530/350.000; 536/023.500
NCL
       NCLM:
              435/069.100
       NCLS:
              435/325.000; 435/320.100; 530/350.000; 536/023.500
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       ICM: C07K014-435
       ICS: C12Q001-68; C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 47 OF 100 USPATFULL on STN
ΑN
       2003:93780 USPATFULL
       Mutant presentlin 1 and presentlin 2 polypeptides
TI
IN
       Carter, Donald Bainbridge, Kalamazoo, MI, UNITED STATES
```

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Tomasselli, Alfredo Giuseppe, Kalamazoo, MI, UNITED STATES
                                20030403
       us 2003065141
PΙ
                          Αl
                                20040203
       us 6686449
                           В2
ΑI
       us 2001-896621
                           Α1
                                20010629 (9)
                           20000630 (60)
PRAI
       US 2000-215345P
       Utility
DT
       APPLICATION
FS
LN.CNT 2497
       INCLM: 530/350.000
INCL
       INCLS: 435/069.100; 435/007.200
              530/350.000
NCL
       NCLM:
              424/094.100; 435/069.100; 435/252.300; 435/320.100; 435/325.000;
       NCLS:
              530/300.000
       [7]
IC
       ICM: C07K014-435
       ICS: G01N033-53; G01N033-567; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 48 OF 100 USPATFULL ON STN
       2003:44788 USPATFULL
AN
TI
       Bone morphogenic protein
       Young, Paul, Gaithersburg, MD, UNITED STATES
ΙN
       Ruben, Steven M., Olney, MD, UNITED STATES
PA
       Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.
       corporation)
ΡI
       us 2003032098
                                20030213
                           Α1
ΑĨ
       us 2002-103197
                           Α1
                                20020322 (10)
       Continuation of Ser. No. US 1999-458690, filed on 10 Dec 1999, PENDING
RLI
       Continuation-in-part of Ser. No. WO 1999-US15783, filed on 14 Jul 1999,
       UNKNOWN
       US 1998-92922P
                            19980715 (60)
PRAI
DΤ
       Utility
       APPLICATION
FS
LN.CNT 8264
INCL
       INCLM: 435/069.100
       INCLS: 435/183.000; 435/320.100; 435/325.000; 536/023.200
NCL
              435/069.100
       NCLS:
              435/183.000; 435/320.100; 435/325.000; 536/023.200
IC
       [7]
       ICM: C12N009-00
       ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 49 OF 100 USPATFULL on STN
       2003:40533 USPATFULL
ΑN
       Methods for the inhibition of epstein-barr virus transmission employing
TI
       anti-viral peptides capable of abrogating viral fusion and transmission
IN
       Barney, Shawn O'Lin, Cary, NC, United States
       Lambert, Dennis Michael, Cary, NC, United States
       Petteway, Stephen Robert, Cary, NC, United States
       Trimeris, Inc., Durham, NC, United States (U.S. corporation) US 6518013 B1 20030211
PA
ΡI
       US 1995-485546
ΑI
                                19950607 (8)
       Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994,
RLI
       now patented, Pat. No. US 6017536 Continuation-in-part of Ser. No. US
       1994-255208, filed on 7 Jun 1994 Continuation-in-part of Ser. No. US
       1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933
DT
       Utility
FS
       GRANTED
LN.CNT
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       INCLM: 435/005.000
INCL
       INCLS: 424/230.100; 530/300.000; 530/324.000; 530/325.000; 530/326.000
NCL
              435/005.000
       NCI M:
              424/230.100; 530/300.000; 530/324.000; 530/325.000; 530/326.000
       NCLS:
       [7]
IC
       ICM: C12Q001-70
       435/5; 530/300; 530/324-329; 530/350; 424/230.1
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 50 OF 100 USPATFULL ON STN
       2003:37603 USPATFULL
AN
TI
       Human cDNAs and proteins and uses thereof
IN
       Bejanin, Stephane, Paris, FRANCE
       Tanaka, Hiroaki, Antony, FRANCE
PA
       GENSET, S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
PΙ
                                20030206
       us 2003027248
                           A1
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AΙ
       us 2001-924340
                                 20010806 (9)
PRAI
       US 2001-305456P
                             20010713 (60)
       US 2001-302277P
                             20010629 (60)
       US 2001-298698P
                             20010615 (60)
       US 2001-293574P
                             20010525 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT
       25650
       INCLM: 435/069.100
INCL
       INCLS: 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200;
               435/006.000
               435/069.100
NCL
       NCLM:
               435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200;
       NCLS:
               435/006.000
       [7]
IC
       ICM: C12P021-02
       ICS: C12Q001-68; C07H021-04; C12N009-00; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 51 OF 100 USPATFULL on STN
ΑN
       2003:37516 USPATFULL
TI
       Human cDNAs and proteins and uses thereof
IN
       Bejanin, Stephane, Paris, FRANCE
       Tanaka, Hiroaki, Antony, FRANCE
PA
               S.A., Paris, FRANCE, 75008 (non-U.S. corporation)
       GENSET.
       us 2003027161
                                 20030206
ΡI
                            Α1
       us 2001-992600
ΑI
                            Α1
                                 20011113
RLI
       Division of Ser. No. US 2001-924340, filed on 6 Aug 2001, PENDING
PRAI
       WO 2001-IB1715
                             20010806
       US 2001-305456P
                             20010713 (60)
       US 2001-302277P
                             20010629 (60)
       US 2001-298698P
                             20010615
                                      (60)
       US 2001-293574P
                             20010525 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 25529
       INCLM: 435/006.000
INCL
       INCLS: 435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000;
               536/023.200; 800/008.000
NCL
       NCLM:
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               435/069.100; 435/183.000; 435/320.100; 435/325.000; 530/350.000; 536/023.200; 800/008.000
       NCLS:
IC
       [7]
       ICM: C12Q001-68
       ICS: A01K067-00; C07H021-04; C12N009-00; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 52 OF 100 USPATFULL on STN
L5
AN
       2003:30383 USPATFULL
TI
       APOA2-interacting proteins and use thereof
       Bartel, Paul, Salt Lake City, UT, UNITED STATES
Sugiyama, Janice, Salt Lake City, UT, UNITED STATES
IN
       Myriad Genetics, Incorporated, Salt Lake City, UT (U.S. corporation)
PA
PΙ
       US 2003022330
                            Α1
                                 20030130
ΑI
       us 2002-125639
                                 20020418 (10)
                            Α1
                             20010419 (60)
PRAI
       US 2001-285324P
       US 2002-349843P
                             20020117 (60)
DT
       Utility
FS
       APPLICATION
LN.CNT 4780
INCL
       INCLM: 435/183.000
       INCLS: 435/226.000; 435/007.100
NCL
               435/183.000
       NCLS:
               435/226.000; 435/007.100
IC
       [7]
       ICM: G01N033-53
       ICS: C12N009-00; C12N009-64
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 53 OF 100 USPATFULL ON STN
AN
       2003:30298
                   USPATFULL
TT
       Method and compositions for analysis of pentraxin receptors as
       indicators of disease
       Mills, Rhonda Ann, Miami Lakes, FL, UNITED STATES
IN
ΡI
       us 2003022245
                            Α1
                                 20030130
       us 2001-915892
ΑI
                            Α1
                                 20010725 (9)
```

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DT
       Utility
       APPLICATION
FS
LN.CNT 1897
       INCLM: 435/007.800
INCL
       INCLS: 435/004.000; 435/007.100
       NCLM: 435/007.800
NCL
              435/004.000; 435/007.100
       NCLS:
        [7]
IC
       ICM: G01N033-53
       ICS: G01N033-567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 54 OF 100 USPATFULL ON STN
15
       2003:30296 USPATFULL
ΑN
       Protein aggregation assays and uses thereof
ΤI
       Kondejewski, Les, St. Lazare, CANADA
Chakrabartty, Avijit, Vaughan, CANADA
Qi, Xiao-Fei, Toronto, CANADA
Cashman, Neil, Toronto, CANADA
IN
        us 2003022243
                                 20030130
                            Α1
PΙ
        us 2002-176809
                            Α1
                                 20020620 (10)
ΑI
        US 2001-299849P
                             20010620 (60)
PRAI
        Utility
DT
        APPLICATION
FS
LN.CNT 2602
        INCLM: 435/007.100
INCL
        INCLS: 435/007,210
        NCLM:
               435/007.100
NCL
        NCLS:
               435/007.210
IC
        [7]
        ICM: G01N033-53
        ics: G01N033-567
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 55 OF 100 USPATFULL ON STN
L5
        2003:23722 USPATFULL
AN
        Novel human leucine-rich repeat containing protein expressed
TI
        predominately in small intestine, HLRRSI1
        Feder, John N., Belle Mead, NJ, UNITED STATES
IN
        Ramanathan, Chandra S., Wallingford, CT, UNITED STATES
        Mintier, Gabriel A., Hightstown, NJ, UNITED STATES
        us 2003Ó17562
                             A1
                                  20030123
PΙ
                             Α1
                                  20011220 (10)
        us 2001-29347
ΑI
                              20001222 (60)
 PRAI
        us 2000-257774P
        Utility
 DT
        APPLICATION
 FS
 LN.CNT 14217
        INCLM: 435/183.000
 INCL
        INCLS: 435/069.100; 435/325.000; 435/320.100; 536/023.200
                435/183.000
 NCL
        NCLM:
                435/069.100; 435/325.000; 435/320.100; 536/023.200
        NCLS:
         [7]
 IC
        ICM: C12N009-00
        ICS: C12N009-16; C07H021-04; C12P021-02; C12N005-06
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 56 OF 100 USPATFULL ON STN
 L5
         2002:344010 USPATFULL
 ΑN
         NOVEL METHODS FOR TESTING INHIBITORS OF PAIRED HELICAL FILAMENTS AND
 TI
         USES FOR TREATMENT OF ALZHEIMER'S DISEASE
         MANDELKOW, ECKHARD, BARON-VOGHT-STR.212A, GERMANY, FEDERAL REPUBLIC OF
 IN
         MANDELKOW, EVA MARIA, BARON-VOGHT-STR.212A, GERMANY, FEDERAL REPUBLIC OF
         BIERNAT, JACEK, BLOCKHORNER WEIDEN SCHENEFELD, GERMANY, FEDERAL REPUBLIC
         FRIEDHOFF, PETER, ELLY-HEUSS-KNAPPWEG 5 GIESSEN, GERMANY, FEDERAL
         REPUBLIC OF
         us 2002197737
                                   20021226
                             Α1
 PI
                                   19990907
         us 1999-319812
                             Α1
 AΤ
                                   19971212
         WO 1997-EP7007
                              19961213
 PRAI
         EP 1996-120120
         Utility
 DT
         APPLICATION
 FS
 LN.CNT 770
         INCLM: 436/518.000
 INCL
         INCLS: 435/007.210; 514/044.000
 NCL
                436/518.000
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NCLM:

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NCLS: 435/007.210; 514/044.000
       [7]
IC
       ICM: G01N033-567
       ICS: G01N033-543; A61K048-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 57 OF 100 USPATFULL ON STN
       2002:301144
                    USPATFULL
AN
       Inhibition of tau-tau-association
ΤI
       Wischik, Claude Michel, Cambridge, UNITED KINGDOM
Edwards, Patricia Carol, Cambridge, UNITED KINGDOM
IN
       Harrington, Charles Robert, Cambridge, UNITED KINGDOM
       Roth, Martin, Cambridge, UNITED KINGDOM
       Klug, Aaron, Cambridge, UNITED KINGDOM
       University Court of the University of Aberdeen, Aberdeen, UNITED KINGDOM
PA
       (3)
PΙ
       us 2002168687
                                 20021114
                           Al
       US 2002-107181
                                 20020328 (10)
AΙ
                           Α1
       Division of Ser. No. US 1997-913915, filed on 12 Dec 1997, GRANTED, Pat.
RLI
       No. US 6376205 A 371 of International Ser. No. WO 1996-EP1307, filed on
       25 Mar 1996, UNKNOWN
                             19950327
PRAI
       GB 1995-6197
       Utility
DT
FS
       APPLICATION
LN.CNT 2030
       INCLM: 435/007.100
INCL
NCL
       NCLM: 435/007.100
       [7]
IC
       ICM: G01N033-53
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 58 OF 100 USPATFULL on STN
L5
AN
       2002:297296 USPATFULL
TI
       Methods for inhibition of membrane fusion-associated events, including
       respiratory syncytial virus transmission
       Bolognesi, Dani Paul, Durham, NC, United States
IN
       Matthews, Thomas James, Durham, NC, United States
       Wild, Carl T., Durham, NC, United States
       Barney, Shawn O'Lin, Cary, NC, United States
       Lambert, Dennis Michael, Cary, NC, United States
       Petteway, Stephen Robert, Cary, NC, United States
       Langlois, Alphonse J., Durham, NC, United States
                  Inc., Durham, NC, United States (U.S. corporation)
PA
       Trimeris,
                                 20021112
       US 6479055
PΙ
                            В1
       US 1995-470896
                                 19950606 (8)
AΤ
       Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994,
RLI
       now patented, Pat. No. US 6017536 Continuation-in-part of Ser. No. US
       1994-255208, filed on 7 Jun 1994 Continuation-in-part of Ser. No. US
       1993-73028, filed on 7 Jun 1993, now patented, Pat. No. US 5464933
DT
       Utility
FS
       GRANTED
LN.CNT 26553
INCL
       INCLM: 424/211.100
       INCLS: 424/186.100; 530/324.000
NCL
               424/211.100
       NCLM:
       NCLS:
              424/186.100; 530/324.000
IC
       [7]
       ICM: A61K039-145
       435/5; 435/240.2; 424/184.1-189.1; 424/204.1-211.1; 424/225.1; 424/227.1; 424/230.1; 514/1; 514/2; 530/324; 530/350; 530/826
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 59 OF 100 USPATFULL on STN
ΑN
       2002:283107 USPATFULL
TI
        alpha.-2- macroglobulin therapies and drug screening methods for.
       Alzheimer's disease.
IN
       Tanzi, Rudolph E., Hull, MA, United States
       Kovacs, Dora, Boston, MA, United States
       Saunders, Aleister J., Cambridge, MA, United States
PA
       The General Hospital Corporation, Boston, MA, United States (U.S.
       corporation)
PΙ
       us 6472140
                                 20021029
                                 19990202 (9)
ΑI
       us 1999-241606
       Continuation-in-part of Ser. No. US 1998-148503, filed on 4 Sep 1998,
RLI
       now patented, Pat. No. US 6342350
PRAI
                             19970905 (60)
       US 1997~57655P
```

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19980717 (60)
       us 1998-93297P
DT
       Utility
FS
       GRANTED
       3470
LN.CNT
       INCLM: 435/004.000
INCL
       INCLS: 435/007.100
              435/004.000
NCL
       NCLM:
       NCLS:
              435/007.100
IC
       [7]
       ICM: C12Q001-00
       ICS: G01N033-53
       435/5; 435/7.1; 435/29; 435/4; 435/7.21; 514/44
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 60 OF 100 USPATFULL ON STN
L5
       2002:282980 USPATFULL
ΑN
       Methods for the prevention or treatment of alzheimer's disease
TI
       Anderson, Stephen, Princeton, NJ, United States
IN
PA
       Rutgers, the State University, New Brunswick, NJ, United States (U.S.
       corporation)
       us 6471960
                                 20021029
PΙ
                           в1
ΑI
       us 2000-660954
                                 20000913 (9)
RLI
       Division of Ser. No. US 1999-388890, filed on 2 Sep 1999, now patented,
       Pat. No. US 6136548 Continuation of Ser. No. US 1996-686959, filed on 26
       Jul 1996, now abandoned Continuation-in-part of Ser. No. WO
       1995-US15007, filed on 22 Nov 1995 Continuation-in-part of Ser. No. US
       1994-347144, filed on 22 Nov 1994, now patented, Pat. No. US 5589154
DT
       Utility
       GRANTED
FS
LN.CNT 1730
INCL
       INCLM: 424/094.640
       INCLS: 424/001.410; 424/001.490; 435/007.100; 435/172.100
NCL
               424/094.640
              424/001.410; 424/001.490; 435/007.100; 435/455.000
       NCLS:
IC
       [7]
       ICM: A61K038-48
       ICS: A61M036-14; G01N033-53; C12N013-00
       424/1.41; 424/1.49; 424/94.64; 435/172.1; 435/7.1
FXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 61 OF 100 USPATFULL ON STN
       2002:281667 USPATFULL
AN
TI
       Beta-secretase transgenic organisms, anti-beta-secretase antibodies, and
       methods of use thereof
IN
       Wong, Philip C., Timonium, MD, UNITED STATES
       Cai, Huaibin, Baltimore, MD, UNITED STATES
       Price, Donald L., Columbia, MD, UNITED STATES
PΙ
       US 2002157122
                           Α1
                                 20021024
ΑI
       US 2001-3630
                                 20011029 (10)
                           Αl
RLI
       Continuation-in-part of Ser. No. US 2000-708096, filed on 3 Nov 2000,
       PENDING
PRAI
       US 2000-244051P
                            20001027 (60)
       Utility
DT
FS
       APPLICATION
LN.CNT 3141
       INCLM: 800/012.000
INCL
       INCLS: 514/044.000; 424/146.100; 435/007.100; 435/007.200; 435/006.000
NCL
       NCLM:
               800/012.000
               514/044.000; 424/146.100; 435/007.100; 435/007.200; 435/006.000
       NCLS:
IC
       [7]
       ICM: A01K067-00
       ICS: C12Q001-68; G01N033-53; G01N033-567; A61K048-00; A61K039-395
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 62 OF 100 USPATFULL on STN
ΑN
       2002:272761 USPATFULL
       Directed evolution of novel binding proteins
ΤI
       Ladner, Robert Charles, Ijamsville, MD, UNITED STATES
Guterman, Sonia Kosow, Belmont, MA, UNITED STATES
ΙN
       Roberts, Bruce Lindsay, Milford, MA, UNITED STATES Markland, William, Milford, MA, UNITED STATES
       Ley, Arthur Charles, Newton, MA, UNITED STATES
       Kent, Rachel Baribault, Boxborough, MA, UNITED STATES
PΙ
       US 2002150881
                           Α1
                                 20021017
ΑI
       us 2001-781988
                           Α1
                                 20010214 (9)
       Continuation of Ser. No. US 1998-192067, filed on 16 Nov 1998, ABANDONED
RLI
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Continuation of Ser. No. US 1995-415922, filed on 3 Apr 1995, PATENTED
        Continuation of Ser. No. US 1993-9319, filed on 26 Jan 1993, PATENTED Division of Ser. No. US 1991-664989, filed on 1 Mar 1991, PATENTED Continuation-in-part of Ser. No. US 1990-487063, filed on 2 Mar 1990, ABANDONED Continuation-in-part of Ser. No. US 1988-240160, filed on 2
        Sep 1988, ABANDONED
        wo 1989-US3731
                               19890901
PRAI
        Utility
DT
F$
        APPLICATION
LN.CNT 15696
        INCLM: 435/005.000
INCL
        INCLS: 435/006.000; 435/007.100; 435/235.100
NCLM: 435/005.000
NCL
                435/006.000; 435/007.100; 435/235.100
        [7]
IC
        ICM: C12Q001-70
        ICS: C12Q001-68; G01N033-53; C12N007-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 63 OF 100 USPATFULL ON STN
        2002:262226 USPATFULL
ΑN
ΤI
        Human heparanase polypeptide and cDNA
IN
        Nakajima, Motowo, Hyogo, JAPAN
        Funakubo, Minako, Kanagawa, JAPAN
PA
        Novartis AG, Basel, SWITZERLAND (non-U.S. corporation)
                              в1
PΙ
        us 6461848
                                    20021008
        wo 9940207
                     19990812
ΑI
        us 2000-601777
                                    20000807 (9)
        WO 1999-EP777
                                    19990205
                                    20000807
                                                PCT 371 date
PRAI
        GB 1998-2725
                               19980209
        Utility
DT
FS
        GRANTED
LN.CNT 1212
        INCLM: 435/209.000
INCL
        INCLS: 435/069.100; 435/183.000; 435/200.000; 435/252.300; 435/320.100;
                435/325.000; 424/094.610; 536/023.200
                435/209.000
NCL
        NCLM:
        NCLS:
                424/094.610; 435/069.100; 435/183.000; 435/200.000; 435/252.300;
                435/320.100; 435/325.000; 536/023.200
        [7]
IC
        ICM: C12P021-06
        ICS: C12N009-00; C12N009-24; C12N009-42; C12N001-20
        435/183; 435/2; 435/252-3; 435/320.1; 435/69.1; 435/209; 435/325; 424/94.61; 536/23.2
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 64 OF 100 USPATFULL ON STN
ΑN
        2002:259378 USPATFULL
TI
        Methods for enhancing the bioavailability of a drug
IN
        Hayward, Neil J., North Grafton, MA, UNITED STATES
        Gefter, Malcolm L., Lincoln, MA, UNITED STATES US 2002142950 A1 20021003
PΙ
        US 2001-781133
AΤ
                                    20010209 (9)
                              Α1
        US 2000-181833P
                               20000211 (60)
PRAI
        US 2000-181943P
                               20000211 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 2566
INCL
        INCLM: 514/012.000
        INCLS: 514/224.800
                514/012.000
NCL
        NCLM:
        NCLS:
                514/224.800
IC
        [7]
        ICM: A61K038-17
        ICS: A61K031-5415
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 65 OF 100 USPATFULL ON STN
ΑN
        2002:246772 USPATFULL
        Glycosidase inhibitors and methods of synthesizing same
TI
ΙN
        Pinto, B. Mario, Coquitlam, CANADA
        Johnston, Blair D., Vancouver, CANADA
        Ghavami, Ahmad, Coquitlam, CANADA
        Simon Fraser University, Burnaby, CANADA (non-U.S. corporation) US 6455573 B1 20020924
PA
PI
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20000728 (9)
        us 2000-627434
AΙ
PRAI
        US 2000-174837P
                               20000107 (60)
DΤ
        Utility
FS
        GRANTED
LN.CNT 864
INCL
        INCLM: 514/425.000
                514/183.000; 514/445.000; 514/432.000; 514/315.000; 514/517.000; 514/706.000; 548/556.000; 549/028.000; 549/066.000; 546/242.000;
        INCLS:
                558/033.000; 562/899.000; 540/001.000
                514/425.000
NCL
        NCLM:
                514/183.000; 514/315.000; 514/432.000; 514/445.000; 514/517.000; 514/706.000; 540/001.000; 546/242.000; 548/556.000; 549/028.000; 549/066.000; 558/033.000; 562/899.000
        NCLS:
        [7]
IC
        ICM: A61K031-381
        ICS: A61K031-40; C07D333-46; C07D335-00; C07D207-12
548/556; 514/425; 514/445; 514/517; 514/706; 514/432; 514/315; 514/183;
549/66; 549/28; 558/33; 562/899; 546/242; 540/1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 66 OF 100 USPATFULL ON STN
        2002:246584 USPATFULL
ΑN
        Antisense modulation of serum
                                            ***amyloid***
                                                               A4 expression
TI
        Freier, Susan M., San Diego, CA, United States
IN
        ISIS Pharmaceuticals, Inc., Carlsbad, CA, United States (U.S.
PΑ
        corporation)
        US 6455308
                              В1
PΙ
                                    20020924
        us 2001-920672
                                    20010801 (9)
ΑI
DT
        Utility
FS
        GRANTED
LN.CNT 3229
INCL
        INCLM: 435/375.000
        INCLS: 435/006.000; 435/091.100; 435/325.000; 435/366.000; 536/023.100; 536/024.310; 536/024.330; 536/024.500
        NCLM:
                435/375.000
NCL
        NCLS:
                435/006.000; 435/091.100; 435/325.000; 435/366.000; 536/023.100;
                536/024.310; 536/024.330; 536/024.500
IC
        [7]
        ICM: C12Q001-68
        ICS: C07H021-04; C12N015-85
        435/6; 435/366; 435/325; 435/375; 536/23.1; 536/24.5; 514/44
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 67 OF 100 USPATFULL on STN
        2002:213806 USPATFULL
AN
ΤI
        Human heparanase polypeptide and cDNA
IN
        Nakajima, Motowo, Ashiya-shi, JAPAN
        Funakubo, Minako, Minami-Ashigara-shi, JAPAN
PΙ
        US 2002115183
                                    20020822
                              Α1
        us 2002-107859
                                    20020327
ΑI
                              Α1
                                              (10)
        Continuation of Ser. No. US 2000-601777, filed on 7 Aug 2000, PENDING A
RLI
        371 of International Ser. No. WO 1999-EP777, filed on 5 Feb 1999,
        UNKNOWN
PRAI
        GB 1998-2725
                               19980209
DT
        Utility
        APPLICATION
FS
LN.CNT 1279
INCL
        INCLM: 435/200.000
        INCLS: 435/069.100; 435/320.100; 435/325.000; 435/084.000; 536/023.200
NCL
                435/200.000
        NCLM:
                435/069.100; 435/320.100; 435/325.000; 435/084.000; 536/023.200
        NCLS:
IC
        [7]
        ICM: C12P019-26
        ICS: C12N009-24; C12P021-02; C12N005-06; C07H021-04
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 68 OF 100 USPATFULL ON STN
ΑN
        2002:213419 USPATFULL
TI
        Alpha-2-macroglobulin therapies and drug screening methods for
        Alzheimer's disease
        Tanzi, Rudolph E., Hull, MA, UNITED STATES
IN
        Kovacs, Dora, Boston, MA, UNITED STATES
        Saunders, Aleister J., Cambridge, MA, UNITED STATES
PA
        The General Hospital Corporation (U.S. corporation)
PΙ
        us 2002114792
                              Α1
                                    20020822
ΑI
        us 2002-52817
                              Α1
                                    20020123 (10)
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Division of Ser. No. US 1999-241606, filed on 2 Feb 1999, PENDING
RLI
        Continuation-in-part of Ser. No. US 1998-148503, filed on 4 Sep 1998,
        PATENTED
                               19970905 (60)
PRAI
        US 1997-57655P
        US 1998-93297P
                               19980717 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 3472
        INCLM: 424/093.210
INCL
        INCLS: 514/044.000; 435/226.000; 435/007.900; 435/007.210
NCL
        NCLM:
               424/093.210
        NCLS: 514/044.000; 435/226.000; 435/007.900; 435/007.210
IC
        [7]
        ICM: A61K048-00
        ICS: C12N009-64; G01N033-567; G01N033-53; G01N033-542
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 69 OF 100 USPATFULL on STN
        2002:192063 USPATFULL
AN
        Modulators of beta- ***amyloid***
                                                  peptide aggregation comprising
TI
        D-amino acids
ΙN
        Finders, Mark A., Cambridge, MA, UNITED STATES
        Gefter, Malcolm L., Lincoln, MA, UNITED STATES
        Musso, Gary, Hopkinton, MA, UNITED STATES
       Signer, Ethan R., Cambridge, MA, UNITED STATES Wakefield, James, Brookline, MA, UNITED STATES Molineaux, Susan, Brookline, MA, UNITED STATES
        Chin, Joseph, Salem, MA, UNITED STATES
        Lee, Jung-Ja, Wayland, MA, UNITED STATES
        Kelley, Michael, Arlington, MA, UNITED STATES
        Komar-Panicucci, Sonja, Bedford, MA, UNITED STATES
        Arico-Muendel, Christopher C., Watertown, MA, UNITED STATES
        Phillips, Kathryn, Marlborough, MA, UNITED STATES
        Hayward, Neil J., North Grafton, MA, UNITED STATES
        Praecis Pharmaceuticals Inc. (U.S. corporation)
PA
PI
        US 2002103134
                                    20020801
                              Α1
        us 6689752
                                    20040210
                              В2
ΑI
        US 2001-895443
                              Α1
                                    20010629 (9)
        Continuation of Ser. No. US 1999-356931, filed on 19 Jul 1999, PATENTED Continuation of Ser. No. US 1997-920162, filed on 27 Aug 1997, PATENTED Continuation-in-part of Ser. No. US 1995-548998, filed on 27 Oct 1995,
RLI
        ABANDONED Continuation-in-part of Ser. No. US 1996-616081, filed on 14 Mar 1996, ABANDONED Continuation-in-part of Ser. No. US 1996-703675,
        filed on 27 Aug 1996, PATENTED Continuation-in-part of Ser. No. US
        1997-897342, filed on 21 Jul 1997, ABANDONED
DT
        Utility
FS
        APPLICATION
LN.CNT 2990
        INCLM: 514/016.000
INCL
                514/017.000; 530/329.000; 530/330.000
        INCLS:
NCL
        NCLM:
                514/016.000
        NCLS:
                424/009.100; 424/009.420; 436/501.000; 514/017.000; 514/018.000;
                530/329.000; 530/330.000; 530/345.000
IC
        [7]
        ICM: A61K038-08
        ICS: C07K007-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 70 OF 100 USPATFULL on STN
        2002:185614 USPATFULL
ΑN
        Electronic detection of interaction and detection of interaction based
TI
        on the interruption of flow
IN
        Bamdad, Cynthia C., Newton, MA, UNITED STATES
        US 2002098526
PΙ
                              Α1
                                    20020725
        US 2001-971056
AΤ
                                    20011003 (9)
                              Α1
PRAI
        US 2000-237427P
                               20001003 (60)
        US 2001-272727P
                               20010301 (60)
DT
        Utility
FS
        APPLICATION
LN.CNT 1886
INCL
        INCLM: 435/007.900
        INCLS: 435/287.200; 435/006.000
NCL
        NCLM:
               435/007.900
        NCLS:
               435/287.200; 435/006.000
IC
        [7]
        ICM: G01N033-53
```

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ICS: G01N033-542; C12M001-34; C12Q001-68
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 71 OF 100 USPATFULL on STN
        2002:185265 USPATFULL
AN
TI
       Modulators of
                          ***amyloid***
                                            aggregation
       Findeis, Mark A., Cambridge, MA, UNITED STATES
Benjamin, Howard, Lexington, MA, UNITED STATES
Garnick, Marc B., Brookline, MA, UNITED STATES
IN
        Gefter, Malcolm L., Lincoln, MA, UNITED STATES
        Hundal, Arvind, Brighton, MA, UNITED STATES
        Kasman, Laura, Athens, GA, UNITED STATES
        Musso, Gary, Hopkinton, MA, UNITED STATES
        Signer, Ethan R., Cambridge, MA, UNITED STATES
       Wakefield, James, Brookline, MA, UNITED STATES
       Reed, Michael J., Marietta, GA, UNITED STATES
Praecis Pharmaceuticals, Inc. (U.S. corporation)
US 2002098173 A1 20020725
PA
PΙ
        us 2001-972475
ΑI
                             Α1
                                   20011004 (9)
        Continuation of Ser. No. US 1996-617267, filed on 14 Mar 1996, PATENTED Continuation-in-part of Ser. No. US 1995-475579, filed on 7 Jun 1995,
RLI
        PATENTED Continuation-in-part of Ser. No. US 1995-404831, filed on 14
        Mar 1995, PATENTED Continuation-in-part of Ser. No. US 1995-548998,
        filed on 27 Oct 1995, ABANDONED
DT
        Utility
FS
        APPLICATION
LN.CNT 4009
        INCLM: 424/094.300
INCL
        INCLS: 435/226.000
NCL
        NCLM:
               424/094.300
        NCLS:
               435/226.000
IC
        [7]
        ICM: A61K038-54
        ICS: C12N009-64
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 72 OF 100 USPATFULL on STN
        2002:156985 USPATFULL
AN
TI
        GENES, PROTEINS AND BIALLELIC MARKERS RELATED TO CENTRAL NERVOUS SYSTEM
        DISEASE
IN
        BLUMENFELD, MARTA, PARIS, FRANCE
        BOUGUELERET, LYDIE, VANVES, FRANCE
        CHUMAKOV, ILYA, VAÚX-LE-PENIL, FRANCE
ESSIOUX, LAURENT, PARIS, FRANCE
        COHEN, DANIEL, NEUILLY-SUR-SEINE, FRANCE
PΙ
        US 2002081584
                             Α1
                                  20020627
ΑI
        us 1999-416384
                             Α1
                                   19991012 (9)
                               19981013 (60)
PRAI
        US 1998-103955P
                               19981030 (60)
        US 1998-106457P
DT
        Utility
FS
        APPLICATION
LN.CNT
       10828
INCL
        INCLM: 435/006.000
        INCLS: 435/091.100; 435/091.200; 536/023.100; 536/024.300
NCL
               435/006.000
        NCLM:
        NCLS:
                435/091.100; 435/091.200; 536/023.100; 536/024.300
IC
        ICM: C12Q001-68
        ICS: C07H021-02; C07H021-04; C12P019-34
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 73 OF 100 USPATFULL on STN
AN
        2002:127595 USPATFULL
TI
        Transgenic animal and methods
IN
        Nilsson, Lars, Tampa, FL, UNITED STATES
        Potter, Huntington, Tampa, FL, UNITED STATES
        Arendash, Gary W., Lutz, FL, UNITED STATES
ΡI
        US 2002066117
                                   20020530
                             Α1
                                   20010713 (9)
ΑI
        US
           2001-903993
                             Α1
PRAI
        US 2000-218054P
                               20000713 (60)
        Utility
DT
FS
        APPLICATION
LN.CNT 1704
INCL
        INCLM: 800/018.000
        INCLS: 435/354.000; 800/009.000
NCL
        NCLM: 800/018.000
```

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NCLS: 435/354.000; 800/009.000
       [7]
IC
       ICM: A01K067-027
       ICS: C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 74 OF 100 USPATFULL ON STN
       2002:105953 USPATFULL
ΑN
       Human tissue inhibitor of metalloproteinase-4
TI
       Greene, John M., Gaithersburg, MD, UNITED STATES
TN
       Rosen, Craig A., Laytonsville, MD, UNITED STATES
                                  20020509
                            A1
       us 2002055158
PΙ
       us 6544761
                                  20030408
                            В2
                                  20010711 (9)
       us 2001-901904
                            A1
ΑI
       Continuation-in-part of Ser. No. US 1999-387525, filed on 1 Sep 1999,
RLI
        PENDING Continuation of Ser. No. US 1995-463261, filed on 5 Jun 1995,
        PENDING Continuation-in-part of Ser. No. WO 1994-US14498, filed on 13
        Dec 1994, UNKNOWN
        US 2000-217419P
                             20000711 (60)
PRAI
        US 2000-220829P
                             20000726 (60)
DT
        Utility
        APPLICATION
FS
LN.CNT 5326
        INCLM: 435/184.000
INCL
        INCLS: 435/069.200; 435/320.100; 435/325.000; 536/023.200
               435/069.200
NCL
        NCLM:
               514/012.000; 530/350.000; 536/023.500
        NCLS:
        [7]
TC
        ICM: C12N009-99
        ICS: C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 75 OF 100 USPATFULL ON STN
        2002:99575 USPATFULL
ΑN
TI
        Human cystatin E
        Ni, Jian, Germantown, MD, UNITED STATES
TN
        Gentz, Reiner L., Rockville, MD, UNITED STATES
        Yu, Guo-Liang, Berkeley, CA, UNITED STATES
        Rosen, Craig A., Laytonsville, MD, UNITED STATES
        Human Genome Sciences, Inc., Rockville, MD, UNITED STATES, 20850 (U.S.
PA
        corporation)
                                  20020502
        us 2002052476
                             Α1
PΙ
                             В2
                                  20030909
        us 6617132
                                  20010829 (9)
        us 2001-940497
                             Α1
AΙ
        Division of Ser. No. US 1999-241376, filed on 2 Feb 1999, PATENTED Division of Ser. No. US 1996-744138, filed on 5 Nov 1996, PATENTED
RLI
        Continuation-in-part of Ser. No. US 1995-461030, filed on 5 Jun 1995,
        PATENTED
        Utility
DT
        APPLICATION
FS
LN.CNT 2749
INCL
        INCLM: 530/350.000
        INCLS: 536/023.500; 514/012.000; 435/069.100; 435/320.100; 435/325.000
        NCLM:
               435/069.100
NCL
                435/071.100; 435/071.200; 435/252.300; 435/254.110; 435/320.100; 435/325.000; 435/471.000; 530/350.000; 536/023.500
        NCLS:
        ICM: A61K038-17
        ICS: C07K014-435; C07H021-04; C12P021-02; C12N005-06
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 76 OF 100 USPATFULL ON STN
L5
        2002:88227 USPATFULL
ΑN
        Screening methods for agents that modulate or inhibit tau association
ΤI
        with tau or map2
        Wischik, Claude Michel, Cambridge, UNITED KINGDOM
Edwards, Patricia Carol, Cambridge, UNITED KINGDOM
 IN
        Harrington, Charles Robert, Cambridge, UNITED KINGDOM
        Roth, Martin, Cambridge, UNITED KINGDOM
        Klug, Aaron, Cambridge, UNITED KINGDOM
        University Court of the University of Aberdeen, Aberdeen, UNITED KINGDOM
 PA
         (non-U.S. corporation)
        us 6376205
                                   20020423
 PΤ
                     19961003
        wo 9630766
                                   19971212 (8)
        us 1997-913915
 ΑI
                                   19960325
        wo 1996-EP1307
```

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19971212 PCT 371 date
PRAI
        GB 1995-6197
                               19950327
        Utility
DT
FS
        GRANTED
LN.CNT 1856
INCL
        INCLM: 435/007.800
        INCLS: 435/007.100; 435/007.920; 436/501.000; 436/503.000; 436/504.000
                435/007.800
NCL
        NCLM:
                435/007.100; 435/007.920; 436/501.000; 436/503.000; 436/504.000
        NCLS:
IC
        [7]
        ICM: G01N033-53
        435/701; 435/7.8; 435/7.92; 436/501; 436/503; 436/504
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 77 OF 100 USPATFULL on STN
        2002:8196 USPATFULL
ΑN
        Assays and methods of diagnosis and treatment based on use of sodium
TI
        channels as targets for
                                      ***amyloid***
                                                         beta or its aggregates
        Lee, Kai S., Portage, MI, UNITED STATES
IN
        Sun, Xiao-Dong, Portage, MI, UNITED STATES
Taylor, Bruce M., Kalamazoo, MI, UNITED STATES
        Epps, Dennis E., Portage, MI, UNITED STATES
        Buhl, Allen E., Portage, MI, UNITED STATES
        us 2002004194
                              Α1
                                    20020110
PΙ
        us 6589747
                              В2
                                    20030708
                                    20001221 (9)
        US 2000-742633
                              Α1
ΑI
        US 1999-172032P
                               19991223 (60)
PRAI
        Utility
DT
        APPLICATION
FS
LN.CNT 1748
        INCLM: 435/004.000
INCL
        INCLS: 514/001.000
                435/007.100
NCL
        NCLM:
                435/004.000; 435/354.000; 435/368.000; 435/375.000
        NCLS:
        [7]
IC
        ICM: C12Q001-00
        ICS: A61K031-00
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 78 OF 100 USPATFULL on STN
        2001:208478 USPATFULL Modulators of ***amy
ΑN
                          ***amyloid***
                                              aggregation
TI
        Findeis, Mark A., Cambridge, MA, United States
ΙN
        Benjamin, Howard, Lexington, MA, United States
        Garnick, Marc B., Brookline, MA, United States
        Gefter, Malcolm L., Lincoln, MA, United States
        Hundal, Arvind, Brighton, MA, United States
        Kasman, Laura, Athens, GA, United States
        Musso, Gary, Hopkinton, MA, United States
        Signer, Ethán R., Cambridge, MA, United States Wakefield, James, Brookline, MA, United States
        Reed, Michael J., Marietta, GA, United States
        Praecis Pharmaceuticals Incorporated, Cambridge, MA, United States (U.S.
PA
        corporation)
        US 6319498
                                    20011120
PΙ
ΑI
        us 1996-617267
                                     19960314 (8)
        Continuation-in-part of Ser. No. US 1995-548998, filed on 27 Oct 1995,
RLI
        now abandoned Continuation-in-part of Ser. No. US 1995-475579, filed on
        7 Jun 1995, now patented, Pat. No. US 5854215 Continuation-in-part of
        Ser. No. US 1995-404831, filed on 14 Mar 1995, now patented, Pat. No. US
        5817626
DT
        Utility
        GRANTED
FS
LN.CNT 4293
INCL
        INCLM: 424/094.300
        INCLS: 424/094.610; 435/188.000; 435/206.000; 514/007.000; 514/012.000; 514/021.000; 530/307.000; 530/324.000; 530/345.000; 530/359.000; 530/382.000; 530/394.000; 530/402.000; 530/410.000
NCL
        NCLM:
                424/094.300
                424/094.610; 435/188.000; 435/206.000; 514/007.000; 514/012.000; 514/021.000; 530/307.000; 530/324.000; 530/345.000; 530/359.000; 530/382.000; 530/394.000; 530/402.000; 530/410.000
        NCLS:
IC
        [7]
        ICM: A61K038-02
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ICS: A61K038-17: C07K001-113; C07K014-47

EXF

514/7; 514/12; 514/21; 435/188; 435/206; 424/94.3; 424/94.61; 530/307;

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530/324; 530/325; 530/326; 530/345; 530/350; 530/359; 530/382; 530/394; 530/402; 530/410
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 79 OF 100 USPATFULL ON STN
L.5
        2001:179063 USPATFULL
AN
                                   ***amvloid***
                                                       peptide aggregation comprising
        Modulators of .beta.-
TI
        D-amino acids
        Findeis, Mark A., Cambridge, MA, United States
IN
        Gefter, Malcolm L., Lincoln, MA, United States
        Musso, Gary, Hopkinton, MA, United States
Signer, Ethan R., Cambridge, MA, United States
Wakefield, James, Brookline, MA, United States
        Molineaux, Susan, Brookline, MA, United States
        Chin, Joseph, Salem, MA, United States
        Lee, Jung-Ja, Wayland, MA, United States
        Kelley, Michael, Arlington, MA, United States
        Komar-Panicucci, Sonja, Bedford, MA, United States
        Arico-Muendel, Christopher C., Watertown, MA, United States
        Phillips, Kathryn, Marlborough, MA, United States
        Hayward, Neil J., North Grafton, MA, United States
        Praecis Pharmaceuticals, Inc ., Waltham, MA, United States (U.S.
PA
        corporation)
        us 6303567
PΙ
                                     20011016
        us 1996-703675
ΑI
                                     19960827 (8)
        Continuation-in-part of Ser. No. US 1995-404831, filed on 14 Mar 1995,
RLI
        now patented, Pat. No. US 5817626 Continuation-in-part of Ser. No. US
        1995-475579, filed on 7 Jun 1995, now patented, Pat. No. US 5854215
        Continuation-in-part of Ser. No. US 1995-548998, filed on 27 Oct 1995
        now abandoned Continuation-in-part of Ser. No. US 1996-616081, filed on
        14 Mar 1996, now abandoned
DT
        Utility
FS
        GRANTED
LN.CNT 3512
        INCLM: 514/002.000
INCL
        INCLS: 514/012.000; 514/013.000; 514/014.000; 514/015.000; 514/016.000; 514/017.000; 514/018.000; 530/300.000; 530/324.000; 530/325.000; 530/326.000; 530/327.000; 530/328.000; 530/329.000; 530/330.000;
                 530/331.000; 530/345.000
                 514/002.000
NCL
        NCLM:
                 514/012.000; 514/013.000; 514/014.000; 514/015.000; 514/016.000; 514/017.000; 514/018.000; 530/300.000; 530/324.000; 530/325.000; 530/326.000; 530/327.000; 530/328.000; 530/329.000; 530/330.000; 530/331.000; 530/345.000
        NCLS:
         [7]
IC
         ICM: A61K038-06
         ICS: A61K038-07; A61K038-08; A61K038-10
         530/300; 530/324; 530/325; 530/326; 530/327; 530/328; 530/329; 530/330;
EXF
         530/331; 530/345; 514/2; 514/12; 514/13; 514/14; 514/15; 514/16; 514/17;
         514/18
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 80 OF 100 USPATFULL on STN
         2001:173721 USPATFULL
ΑN
ΤI
         Antibodies to human cystatin E
         Ni, Jian, Rockville, MD, United States
IN
         Gentz, Reiner L., Silver Spring, MD, United States
         Yu, Guo-Liang, Darnestown, MD, United States
         Rosen, Craig A., Laytonsville, MD, United States
         Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
PA
         corporation)
         US 6300477
US 1999-241376
                                     20011009
PΙ
                               В1
                                      19990202 (9)
ΑI
         Division of Ser. No. US 1996-744138, filed on 5 Nov 1996, now patented,
RLI
         Pat. No. US 6011012 Continuation-in-part of Ser. No. US 1995-461030,
         filed on 5 Jun 1995, now patented, Pat. No. US 5985601
DT
         Utility
         GRANTED
FS
LN.CNT 2474
         INCLM: 530/387.900
INCL
         INCLS: 530/387.100; 530/387.300; 530/388.100; 530/388.150; 530/388.230; 530/389.100; 530/389.200; 424/139.100; 424/141.100; 424/142.100;
                 424/145.100
                 530/387.900
NCL
         NCLM:
                 424/139.100; 424/141.100; 424/142.100; 424/145.100; 530/387.100;
         NCLS:
                 530/387.300; 530/388.100; 530/388.150; 530/388.230; 530/389.100;
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530/389.200
        [7]
IC
        ICM: C07K016-18
        ICS: C07K039-395
        530/387.1; 530/387.3; 530/387.9; 530/388.1; 530/388.15; 530/388.23; 530/389.1; 530/389.2; 424/139.1; 424/141.1; 424/142.1; 424/145.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 81 OF 100 USPATFULL ON STN
        2001:136629 USPATFULL
ΑN
        Modulators of .beta.- ***amyloid***
                                                    peptide aggregation comprising
TI
        D-amino acids
        Findeis, Mark_A., Cambridge, MA, United States
IN
        Gefter, Malcolm L., Lincoln, MA, United States
        Musso, Gary, Hopkinton, MA, United States
       Signer, Ethan R., Cambridge, MA, United States Wakefield, James, Brookline, MA, United States
        Molineaux, Susan, Brookline, MA, United States
       Chin, Joséph, Salem, MA, United States
Lee, Jung-Ja, Wayland, MA, United States
        Kelley, Michael, Arlington, MA, United States
Komar-Panicucci, Sonja, Bedford, MA, United States
        Arico-Muendel, Christopher C., Watertown, MA, United States
        Phillips, Kathryn, Marlborough, MA, United States
        Hayward, Neil J., North Grafton, MA, United States
        Praecis Pharmaceuticals, Inc., Waltham, MA, United States (U.S.
PA
        corporation)
PΙ
        us 6277826
                                   20010821
                             в1
ΑI
        us 1999-356931
                                   19990719 (9)
        Continuation-in-part of Ser. No. US 1996-703675, filed on 27 Aug 1996 Continuation of Ser. No. US 1997-920162, filed on 27 Aug 1997, now
RLI
        patented, Pat. No. US 5985242, issued on 16 Nov 1999
DT
        Utility
        GRANTED
FS
LN.CNT 2798
        INCLM: 514/017.000
INCL
        INCLS: 436/501.000; 514/018.000; 530/330.000; 530/331.000
               514/017.000
NCL
               436/501.000; 514/018.000; 530/330.000; 530/331.000
        NCLS:
IC
        [7]
        ICM: A61K038-06
        ICS: A61K038-07; A61K038-08; C07K005-10; C07K007-06
        530/330; 530/331; 530/345; 514/17; 514/18; 436/501; 424/9.1; 424/9.42;
EXF
        424/9.45
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 82 OF 100 USPATFULL ON STN
        2001:121586 USPATFULL
ΑN
TI
        Intracellular
                          ***amyloid*** -beta peptide binding (ERAB) polypeptide
        Stern, David M., Great Neck, NY, United States
IN
        Yan, Shi Du, New York, NY, United States
        The Trustees of Columbia University in the City of New York, New York,
PA
        NY, United States (U.S. corporation)
        US 6268479
PΙ
                             В1
                                   20010731
        US 1997-815225
                                   19970312 (8)
ΑI
DT
        Utility
FS
        GRANTED
LN.CNT 1529
INCL
        INCLM: 530/350.000
        INCLS: 930/010.000
                530/350.000
NCL
        NCLM:
        NCLS:
               930/010.000
        [7]
IC
        ICM: C07K014-435
        530/350: 930/10
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 83 OF 100 USPATFULL on STN
ΑN
        2001:67794 USPATFULL
        Human respiratory syncytial virus peptides with antifusogenic and
TI
        antiviral activities
ΙN
        Barney, Shawn O'Lin, Cary, NC, United States
        Lambert, Dennis Michael, Cary, NC, United States
        Petteway, Stephen Robert, Cary, NC, United States
PA
        Trimeris, Inc., Durham, NC, United States (U.S. corporation)
PΙ
        US 6228983
                                   20010508
```

```
us 1995-485264
                                 19950607 (8)
ΑI
       Division of Ser. No. US 1995-470896, filed on 6 Jun 1995
RLI
       Continuation-in-part of Ser. No. US 1994-360107, filed on 20 Dec 1994
       Continuation-in-part of Ser. No. US 1994-255208, filed on 7 Jun 1994
       Continuation-in-part of Ser. No. US 1993-73028, filed on 7 Jun 1993, now
       patented, Pat. No. US 5464933
DT
       Utility
       Granted
FS
LN.CNT 32166
       INCLM: 530/300.000
INCL
              530/324.000; 530/325.000; 530/326.000; 424/211.100; 424/186.100
       INCLS:
               530/300.000
NCL
       NCLM:
       NCLS: 424/186.100; 424/211.100; 530/324.000; 530/325.000; 530/326.000
IC
       [7]
       ICM: A61K038-00
       530/350; 530/324-329; 530/300; 424/211.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 84 OF 100 USPATFULL ON STN
       2001:10708 USPATFULL
ΑN
       Compositions and methods for modulating .beta.- ***amyloid***
TI
       Monia, Brett P., Carlsbad, CA, United States
IN
       Freier, Susan M., San Diego, CA, United States
       Ecker, David J., Leucadia, CA, United States
PA
       Isis Pharmaceuticals, Inc., Carlsbad, CA, United States (U.S.
       corporation)
       US 6177246
PT
                                 20010123
                            В1
ΑI
       us 1998-192657
                                 19981116 (9)
RLI
       Continuation of Ser. No. US 1994-331389, filed on 28 Oct 1994, now
       patented, Pat. No. US 5837449 Continuation-in-part of Ser. No. US
       1991-814963, filed on 24 Dec 1991, now abandoned
DT
       Utility
FS
       Granted
LN.CNT 1378
       INCLM: 435/006.000
INCL
       INCLS: 514/044.000
              435/006.000
NCL
       NCLM:
       NCLS: 514/044.000
IC
       [7]
       ICM: C12Q001-68
       ICS: A61K048-00
       514/44; 435/6; 435/91.2; 536/22.1
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 85 OF 100 USPATFULL on STN
       2000:142115 USPATFULL
ΑN
TI
       Methods for identifying useful T-PA mutant derivatives for treatment of
       vascular hemorrhaging
       Anderson, Stephen, Princeton, NJ, United States
TN
       Rutgers, The State University of New Jersey, New Brunswick, NJ, United States (U.S. corporation)
PA
PΙ
       US 6136548
                                  20001024
ΑI
       US 1999-388890
                                 19990902 (9)
       Continuation of Ser. No. US 1996-686959, filed on 26 Jul 1996, now abandoned And a continuation-in-part of Ser. No. WO 1995-US15007, filed
RLI
       on 22 Nov 1995 which is a continuation-in-part of Ser. No. US
       1994-347144, filed on 22 Nov 1994, now patented, Pat. No. US 5589154
DT
       Utility
FS
       Granted
LN.CNT
       1820
INCL
       INCLM: 435/007.100
       INCLS: 435/069.200; 435/172.100; 435/226.000; 436/086.000; 514/002.000
NCL
              435/007.100
       NCLM:
       NCLS:
              435/007.400; 435/069.200; 435/226.000; 436/086.000; 514/002.000
IC
       [7]
       ICM: G01N033-53
       ICS: G01N033-00; C12N015-09; C12N009-64; A01N037-18 424/9.2; 424/184.1; 435/7.1; 435/7.8; 435/69.1; 435/69.2; 435/172.1;
EXF
       435/359; 435/212; 435/215; 435/226; 530/350; 530/380; 530/381; 530/382;
       514/2; 436/86; 436/501
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 86 OF 100 USPATFULL ON STN
ΑN
       2000:124824 USPATFULL
TI
       Synthetic antisense oligodeoxynucleotides targeted to human ache
IN
       Soreq, Hermona, Jerusalem, Israel
```

```
Seidman, Shlomo, Neve Daniel, Israel
       Eckstein, Fritz, Gottingen, Germany, Federal Republic of
       Friedman, Alon, M. Post HaNeguev, Israel
       Kaufer, Daniela, Mevasseret Zion, Israel
PA
       Yissum Research Development Company of the Hebrew Yniversity of
       Jerusalem, Jerusalem, Israel (non-U.S. corporation)
       us 6121046
                                  20000919
PΙ
       us 1997-990065
                                  19971212 (8)
ΑI
       Continuation-in-part of Ser. No. US 1997-850347, filed on 2 May 1997
RLI
       which is a continuation-in-part of Ser. No. US 318826
PRAI
       US 1996-35266P
                              19961212 (60)
                              19970213 (60)
       us 1997-3777P
       US 1997-53334P
                              19970721 (60)
DT
       Utility
FS
       Granted
LN.CNT 2796
       INCLM: 435/375.000
INCL
       INCLS: 435/006.000; 435/091.100; 435/325.000; 435/354.000; 435/455.000; 536/023.100; 536/024.310; 536/024.330; 536/024.500; 514/044.000
               435/375.000
NCL
       NCLM:
               435/006.000; 435/091.100; 435/325.000; 435/354.000; 435/455.000;
       NCLS:
               514/044.000; 536/023.100; 536/024.310; 536/024.330; 536/024.500
IC
        [7]
       ICM: C07H021-04
       ICS: C12Q001-68; C12N015-00
       800/13; 800/14; 800/18; 800/3; 800/9; 435/6; 435/91.1; 435/375; 435/325;
EXF
        435/366; 435/368; 435/352; 536/23.1; 536/24.31; 536/24.33; 536/24.5
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 87 OF 100 USPATFULL ON STN
       2000:64843 USPATFULL
ΑN
ΤI
       Human cystatin F
IN
       Li, Haodong, Gaitheresburg, MD, United States
       Yu, Guo-Liang, Darnestown, MD, United States
       Gentz, Reiner L., Silver Spring, MD, United States
Ni, Jian, Rockville, MD, United States
PA
       Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
        corporation)
PΙ
       US 6066617
                                  20000523
       US 1998-19485
                                  19980129 (9)
AI-
       Continuation-in-part of Ser. No. US 1997-832535, filed on 3 Apr 1997, now patented, Pat. No. US 5919658, issued on 6 Jul 1999
RLI
PRAI
       US 1996-14795P
                              19960403 (60)
DT
       Utility
FS
        Granted
LN.CNT 2831
        INCLM: 514/012.000
INCL
        INCLS: 530/350.000
NCL
       NCLM:
               514/012.000
        NCLS:
               530/350.000
IC
        [7]
        ICM: A61K038-00
        ICS: C07K001-00
EXF
        514/12: 530/350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 88 OF 100 USPATFULL ON STN
AN
        2000:50539 USPATFULL
TI
        Polynucleotides encoding human ADA2
IN
       Moore, Paul A., Aberdeen, United Kingdom
PA
       Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
        corporation)
       us 6054289
PT
                                  20000425
ΑI
       US 1996-705771
                                  19960830 (8)
                              19950830 (60)
PRAI
       US 1995-2993P
DT
       Utility
FS
        Granted
LN.CNT 2960
INCL
        INCLM: 435/069.100
        INCLS: 530/350.000; 530/300.000; 536/023.100; 536/023.500; 435/320.100; 435/325.000; 435/252.300; 435/254.110
               435/069.100
NCL
       NCLM:
       NCLS:
               435/252.300; 435/254.110; 435/320.100; 435/325.000; 530/300.000;
                530/350.000; 536/023.100; 536/023.500
IC
        ICM: C12N015-12
```

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ICS: C12N015-10; C12N005-10; C07K014-47
EXF
       536/23.5; 536/23.1; 530/350; 530/300; 435/69.1; 435/320.1; 435/325;
       435/252.3; 435/254.11
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 89 OF 100 USPATFULL on STN
       2000:28107
                   USPATFULL
ΑN
ΤI
       .beta.-sheet nucleating peptidomimetics
       Kelly, Jeffery W., 213 Chimney Hill Cir., College Station, TX, United
ΙN
              77840
       States
PΙ
       us 6034211
                                20000307
                                19960614 (8)
       us 1996-664379
ΑI
PRAI
       US 1996-18925P
                            19960603 (60)
       Utility
DT
FS
       Granted
LN.CNT 1635
INCL
       INCLM: 530/317.000
              546/101.000
       INCLS:
              530/317.000
NCL
       NCLM:
              546/101.000
       NCLS:
       [7]
IC
       ICM: C07K005-00
       548/427; 546/101; 514/323-328; 530/317
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 90 OF 100 USPATFULL on STN
       2000:1855 USPATFULL
ΑN
TI
       Human cystatin E
       Ni, Jian, Rockville, MD, United States
IN
       Gentz, Reiner L., Silver Spring, MD, United States
       Yu, Guo-Liang, Darnestown, MD, United States
       Rosen, Craig A., Laytonsville, MD, United States
PA
       Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
       corporation)
PΙ
       US 6011012
                                20000104
       US 1996-744138
ΑI
                                19961105 (8)
RLI
       Continuation-in-part of Ser. No. US 1995-461030, filed on 5 Jun 1995
DT
       Utility
FS
       Granted
LN.CNT 2676
INCL
       INCLM: 514/012.000
       INCLS: 530/350.000; 435/069.100; 435/071.200; 435/325.000; 435/252.300;
              435/320.100; 435/471.000
NCL
       NCLM:
              514/012.000
       NCLS:
              435/069.100; 435/071.200; 435/252.300; 435/320.100; 435/325.000;
              435/471.000; 530/350.000
IC
       [6]
       ICM: C07K014-47
       ICS: C12N015-12; A61K038-17
       530/350; 435/69.1; 435/71.1; 435/71.2; 435/172.3; 435/325; 435/252.3;
EXF
       435/320.1; 435/471; 514/2; 514/8; 514/12
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 91 OF 100 USPATFULL on STN
ΑN
       1999:146301 USPATFULL
TI
       DNA encoding human cystatin E
       Ni, Jian, Gaithersburg, MD, United States
IN
       Yu, Guo-Liang, Darnestown, MD, United States
       Gentz, Reiner, Silver Spring, MD, United States
       Rosen, Craig A.,
                       , Laytonsville, MD. United States
PA
       Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
       corporation)
PI
       us 5985601
                                19991116
       US 1995-461030
ΑI
                                19950605 (8)
DT
       Utility
       Granted
FS
LN.CNT 1344
INCL
       INCLM: 435/069.100
       INCLS: 435/071.200; 435/252.300; 435/320.100; 435/325.000; 435/471.000; 536/023.500; 530/350.000
NCL
       NCLM:
              435/069.100
              435/071.200; 435/252.300; 435/320.100; 435/325.000; 435/471.000;
       NCLS:
              530/350.000; 536/023.500
IC
       ICM: C12N015-19
       ICS: C12N015-63; C07K014-52
```

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435/69.1; 435/172.3; 435/240.2; 435/240.3; 435/252.3; 435/320.1;
EXF
         435/71.1; 435/71.2; 435/325; 435/471; 536/23.1; 536/23.5; 530/350;
         935/11; 935/22; 935/52; 935/66
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 92 OF 100 USPATFULL ON STN
        1999:145942 USPATFULL Modulators of .beta.- ***amyloid***
ΑN
ΤI
                                                         peptide aggregation comprising
         D-amino acids
         Findeis, Mark A., Cambridge, MA, United States
ΙN
         Gefter, Malcolm L., Lincoln, MA, United States
        Musso, Gary, Hopkinton, MA, United States
        Signer, Ethan R., Cambridge, MA, United States
        Wakefield, James, Brookline, MA, United States
        Molineaux, Susan, Brookline, MA, United States
        Chin, Joseph, Salem, MA, United States
Lee, Jung-Ja, Wayland, MA, United States
        Kelley, Michael, Arlington, MA, United States
Komar-Panicucci, Sonja, Bedford, MA, United States
Arico-Muendel, Christopher C., Watertown, MA, United States
        Phillips, Kathryn, Marlborough, MA, United States
        Hayward, Neil J., North Grafton, MA, United States
PA
         Praecis Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.
         corporation)
         us 5985242
                                       19991116
PΙ
         US 1997-920162
                                       19970827 (8)
ΑI
        Continuation-in-part of Ser. No. US 1995-548998, filed on 27 Oct 1995, now abandoned Ser. No. Ser. No. US 1996-616081, filed on 14 Mar 1996, now abandoned Ser. No. Ser. No. US 1996-703675, filed on 27 Aug 1996 And Ser. No. US 1997-897342, filed on 21 Jul 1997, now abandoned
RLI
         Utility
DT
FS
         Granted
LN.CNT 3249
INCL
         INCLM: 424/009.100
         INCLS: 424/009.420; 424/009.450; 436/501.000; 514/017.000; 514/018.000;
                 530/330.000; 530/331.000
NCL
        NCLM:
                 424/009.100
                 424/009.420; 424/009.450; 436/501.000; 514/017.000; 514/018.000; 530/330.000; 530/331.000
        NCLS:
         [6]
IC
         ICM: A61K038-06
         ICS: A61K038-07; A61K038-08; C07K007-06
         530/330; 530/331; 530/345; 514/17; 514/18; 436/501; 424/9.1; 424/9.42;
EXF
         424/9.45
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 93 OF 100 USPATFULL ON STN
         1999:75515 USPATFULL
ΑN
TI
         Human cystatin F
        Ni, Jian, Rockville, MD, United States
IN
        Li, Haodong, Gaithersburg, MD, United States
Yu, Guo-Liang, Darnestown, MD, United States
        Gentz, Reiner L., Silver Spring, MD, United States
PA
        Human Genome Sciences, Inc., Rockville, MD, United States (U.S.
         corporation)
        US 5919658
PΙ
                                       19990706
        US 1997-832535
US 1996-14795P
                                       19970403 (8)
ΑT
PRAI
                                 19960403 (60)
DT
        Utility
FS
         Granted
        2525
LN.CNT
INCL
        INCLM: 435/069.100
        INCLS: 435/320.100; 435/252.300; 435/254.110; 435/325.000; 435/455.000;
                 435/468.000; 435/471.000; 530/350.000; 530/387.100; 536/023.200;
                 536/024.300; 536/023.400
NCL
                 435/069.100
        NCLM:
                 435/252.300; 435/254.110; 435/320.100; 435/325.000; 435/455.000; 435/468.000; 435/471.000; 530/350.000; 530/387.100; 536/023.200; 536/023.400; 536/024.300
        NCLS:
IC
        ICM: C12P021-06
        ICS: C12N015-00; C12N005-00; C07H021-04
        435/69.1; 435/320.1; 435/172.1; 435/252.3; 435/254.11; 435/325; 435/455;
        435/468; 435/471; 536/23.2; 536/24.3; 530/387.1; 530/350
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
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L5
      ANSWER 94 OF 100 USPATFULL ON STN
ΑN
        1999:43096 USPATFULL
        Compositions and devices for partitioning advanced glycosylation
ΤI
        endproducts, and methods of their use
        Li, Yong Ming, Fresh Meadows, NY, United States
IN
        Vlassara, Helen, Shelter Island, NY, United States
Cerami, Anthony, Shelter Island, NY, United States
The Picower Institute for Medical Research, Manhasset, NY, United States
PA
        (U.S. corporation)
        us 5891341
                                     19990406
PΙ
        us 1996-628380
                                     19960405 (8)
ΑI
        Continuation-in-part of Ser. No. US 1995-418642, filed on 7 Apr 1995,
RLI
        now abandoned
                                19950627 (60)
PRAI
        US 1995-819P
DT
        Utility
        Granted
FS
LN.CNT 1663
        INCLM: 210/646.000
INCL
        INCLS: 210/645.000; 530/811.000; 530/812.000; 530/815.000; 435/002.000
NCL
                 210/646.000
        NCLM:
                210/645.000; 435/002.000; 530/811.000; 530/812.000; 530/815.000
        NCLS:
IC
        [6]
        ICM: B01D011-04
        ICS: A01N001-02
        435/206; 435/177; 435/178; 435/180; 435/176; 435/2; 530/810; 530/811;
EXF
        530/812; 530/813; 530/815; 210/645; 210/646
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 95 OF 100 USPATFULL ON STN
        1998:162469 USPATFULL
ΑN
        A.beta. peptides that modulate .beta.- ***amyloid***
TI
                                                                            aggregation
        Findeis, Mark A., Cambridge, MA, United States
TN
        Benjamin, Howard, Lexington, MA, United States
        Garnick, Marc B., Brookline, MA, United States
        Gefter, Malcolm L., Lincoln, MA, United States
        Hundal, Arvind, Brighton, MA, United States
        Kasman, Laura, Athens, GA, United States
        Musso, Gary, Hopkinton, MA, United States
        Signer, Ethan R., Cambridge, MA, United States Wakefield, James, Brookline, MA, United States Reed, Michael, Marietta, GA, United States
        Molineaux, Susan, Brookline, MA, United States
        Kubasek, William, Belmont, MA, United States
        Chin, Joseph, Salem, MA, United States
        Lee, Jung-Ja, Wayland, MA, United States
        Kelley, Michael, Arlington, MA, United States
        Praecis Pharmaceuticals, Inc., Cambridge, MA, United States (U.S.
PA
        corporation)
PΙ
        us 5854204
                                     19981229
        US 1996-612785
                                     19960314 (8)
ΑI
        Continuation-in-part of Ser. No. US 1995-404831, filed on 14 Mar 1995
And a continuation-in-part of Ser. No. US 1995-475579, filed on 7 Jun
1995 And a continuation-in-part of Ser. No. US 1995-548998, filed on 27
RLI
        oct 1995
DT
        Utility
        Granted
FS
LN.CNT 4304
INCL
        INCLM: 514/002.000
        INCLS: 514/012.000; 514/014.000; 530/324.000; 530/326.000
NCL
                 514/002.000
        NCLS:
                514/012.000; 514/014.000; 530/324.000; 530/326.000
IC
         [6]
        ICM: C07K014-435
        ICS: C07K007-08
EXF
         514/14; 514/12; 514/2; 530/300; 530/324; 530/326; 930/10
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
      ANSWER 96 OF 100 USPATFULL on STN
AN
        1998:143904 USPATFULL
        Directed evolution of novel binding proteins
TI
        Ladner, Robert Charles, Ijamsville, MD, United States
Gutterman, Sonia Kosow, Belmont, MA, United States
ΙN
        Roberts, Bruce Lindsay, Milford, MA, United States
Markland, William, Milford, MA, United States
        Ley, Arthur Charles, Newton, MA, United States
        Kent, Rachel Baribault, Boxborough, MA, United States
```

```
Dyax, Corp., Cambridge, MA, United States (U.S. corporation)
PA
PΙ
       us 5837500
                                19981117
       us 1995-415922
                                19950403 (8)
ΑI
       Continuation of Ser. No. US 1993-9319, filed on 26 Jan 1993, now
RLI
       patented, Pat. No. US 5403484 which is a division of Ser. No. US
       1991-664989, filed on 1 Mar 1991, now patented, Pat. No. US 5223409
       which is a continuation-in-part of Ser. No. US 1990-487063, filed on 2
       Mar 1990, now abandoned which is a continuation-in-part of Ser. No. US
       1988-240160, filed on 2 Sep 1988, now abandoned
DT
       Utility
       Granted
FS
LN.CNT 15973
       INCLM: 435/069.700
INCL
       INCLS: 435/172.300; 530/350.000; 530/412.000; 536/023.400
              435/069.700
NCL
       NCLM:
              435/091.100; 435/091.200; 435/471.000; 530/350.000; 530/412.000;
              536/023.400
IC
       [6]
       ICM: C12N015-62
       ICS: C07K019-00
       435/69.7; 435/172.3; 530/350; 530/412; 536/23.4
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
     ANSWER 97 OF 100 USPATFULL ON STN
L5
ÀΝ
       1998:143854 USPATFULL
                                                         ***amyloid***
       Compositions and methods for modulating .beta.-
TI
       Monia, Brett P., Carlsbad, CA, United States
IN
       Freier, Susan M., San Diego, CA, United States
       Ecker, David J., Leucadia, CA, United States
PA
       Isis Pharmaceuticals, Inc., Carlsbad, CA, United States (U.S.
       corporation)
       us 5837449
                                19981117
РΤ
       US 1994-331389
                                19941028 (8)
ΑI
       Continuation-in-part of Ser. No. US 1991-814963, filed on 24 Dec 1991,
RLI
       now abandoned
DT
       Utility
FS
       Granted
LN.CNT 1601
INCL
       INCLM: 435/006.000
       INCLS: 536/024.100
NCL
       NCLM:
              435/006.000
       NCLS:
              536/024.100
IC
       [6]
       ICM: C12Q001-68
       ICS: C07H021-02
EXF
       435/6; 435/91.2; 536/24.3; 536/24.31; 536/24.33; 536/24.5; 514/44
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
L5
     ANSWER 98 OF 100 USPATFULL on STN
       96:101466 USPATFULL
AN
       Directed evolution of novel binding proteins
TI
       Ladner, Robert C., Ijamsville, MD, United States
IN
       Guterman, Sonia K., Belmont, MA, United States
       Roberts, Bruce L., Milford, MA, United States
       Markland, William, Milford, MA, United States
       Ley, Arthur C., Newton, MA, United States
       Kent, Rachel B., Boxborough, MA, United States
PA
       Protein Engineering Corporation, Cambridge, MA, United States (U.S.
       corporation)
       us 5571698 °
us 1993-57667
PΙ
                                19961105
ΑI
                                19930618 (8)
       Continuation of Ser. No. US 1991-664989, filed on 1 Mar 1991, now
RLI
       patented, Pat. No. US 5223409 which is a continuation-in-part of Ser.
       No. US 1990-487063, filed on 2 Mar 1990, now abandoned which is a
       continuation-in-part of Ser. No. US 1988-240160, filed on 2 Sep 1988,
       now abandoned
DT
       Utility
FS
       Granted
LN.CNT 15323
INCL
       INCLM: 435/069.700
       INCLS: 435/006.000; 435/064.100; 435/172.300; 435/252.300; 435/320.100
NCL
       NCLM:
              435/069.700
              435/006.000; 435/069.100; 435/252.300; 435/320.100; 435/477.000
       NCLS:
IC
       [6]
       ICM: C12N025-62
EXF
       435/6; 435/64.1; 435/64.7; 435/172.3; 435/252.3; 435/320.1
```

```
ANSWER 99 OF 100 USPATFULL ON STN
L5
        95:29292 USPATFULL
ΑN
       Viruses expressing chimeric binding proteins
TI
       Ladner, Robert C., Ijamsville, MD, United States
IN
        Guterman, Sonia K., Belmont, MA, United States
       Roberts, Bruce L., Milford, MA, United States
Markland, William, Milford, MA, United States
Ley, Arthur C., Newton, MA, United States
        Kent, Rachel B., Boxborough, MA, United States
        Protein Engineering Corporation, Cambridge, MA, United States (U.S.
PA
        corporation)
                                   19950404
        us 5403484
PΤ
        us 1993-9319
                                    19930126 (8)
ΑI
        Division of Ser. No. US 1991-664989, filed on 1 Mar 1991, now patented,
RLI
        Pat. No. US 5223409 which is a continuation-in-part of Ser. No. US
        1990-487063, filed on 2 Mar 1990, now abandoned which is a continuation-in-part of Ser. No. US 1988-240160, filed on 2 Sep 1988,
        now abandoned
        wo 1989-3731
                               19890901
PRAI
        Utility
DT
        Granted
FS
LN.CNT 14368
INCL
        INCLM: 435/235.100
        INCLS: 435/069.700; 435/172.300; 435/252.300; 435/320.100; 530/350.000;
                536/023.400
                435/235.100
NCL
        NCLM:
        NCLS:
                435/069.700; 435/252.300; 435/320.100; 530/350.000; 536/023.400
IC
        [6]
        ICM: C07K013-00
        ICS: C12N007-01
        435/69.7; 435/172.3; 435/235.1; 435/320.1; 536/23.4; 530/380
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
      ANSWER 100 OF 100 USPATFULL on STN
L5
        93:52487 USPATFULL
ΑN
        Directed evolution of novel binding proteins
ΤI
        Ladner, Robert C., Ijamsville, MD, United States
ΙN
        Guterman, Sonia K., Belmont, MA, United States
Roberts, Bruce L., Milford, MA, United States
Markland, William, Milford, MA, United States
        Ley, Arthur C., Newton, MA, United States
        Kent, Rachel B., Boxborough, MA, United States
        Protein Engineering Corp., Cambridge, MA, United States (U.S.
PA
        corporation)
        us 5223409
                                    19930629
PΙ
        us 1991-664989
                                    19910301 (7)
ΑI
        Continuation-in-part of Ser. No. US 1990-487063, filed on 2 Mar 1990,
RLI
        now abandoned And a continuation-in-part of Ser. No. US 1988-240160,
        filed on 2 Sep 1988, now abandoned
        Utility
DT
FS.
        Granted
LN.CNT 15410
        INCLM: 435/069.700
INCL
        INCLS: 435/069.100; 435/172.300; 435/252.300; 435/320.100; 530/380.300;
                530/387.500
                435/069.700
        NCLM:
NCL
                435/005.000; 435/069.100; 435/252.300; 435/320.100; 435/472.000; 530/387.300; 530/387.500
        NCLS:
        [5]
IC
        ICM: C12N015-09
        ICS: C12N015-62; C12N015-63
        435/69.1; 435/172.3; 435/252.3; 435/320.1; 530/350
EXF
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
```

STN INTERNATIONAL LOGOFF AT 16:09:33 ON 29 MAR 2004